Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V188 GSM wireless phone.

Menu Key

Left Soft Key
Perform function in lower left display.

Volume Keys

Answer & Send Key
Make & answer calls.

Headset Jack

5-Way Navigation Key
Scroll through & select menu items. Press center to select.

Right Soft Key
Perform function in lower right display.

Power & End Key
Turn phone on/off, end calls, exit menu system.

* The above illustration is for reference only. Please refer to your phone for the actuality of keypad.

2

Menu Map

Main Menu

Phonebook

Recent Calls
- Received Calls
- Dialed Calls
- Notepad
- Call Times
- Data Times
- Data Volumes

Messages
- New Message
- Message Inbox
- Voicemail
- Browser Msgs
- Info Services
- Quick Notes
- Outbox
- Drafts
- MMS Templates

Office Tools
- Calculator
- Datebook
- Shortcuts
- Alarm Clock
- Chat
- Dialing Services
  - Voice Dial
  - Fixed Dial
  - Quick Dial
- SIM Applications *

Games & Apps

Web Access
- Browser
- Web Shortcuts
- Stored Pages
- History
- Go To URL
- Browser Setup
- Web Sessions

Multimedia
- Themes
- Pictures
- Sounds
- MotoMixer

IM
- Log In
- Offline Convs.
- Offline Settings
- Help

Settings
- (see next page)

* optional features

This is the standard main menu layout. Menu organization and feature names may vary on your phone. Not all features may be available on your phone.

Settings Menu

Personalize
- Home Screen
- Main Menu
- Color Style
- Greeting
- Wallpaper
- Screen Saver
- Quick Dial

Ring Styles
- Style
- style Detail

Call Divert
- Voice Calls
- Fax Calls
- Data Calls
- Cancel All
- Divert Status

In-Call Setup
- In-Call Timer
- Call Cost Setup *
- My Caller ID
- Answer Options
- Call Waiting

Initial Setup
- Time and Date
- 1-Touch Dial
- Display Timeout
- Backlight
- Scroll
- Language
- Contrast
- DTMF
- Master Reset
- Master Clear

Phone Status
- My Tel. Numbers
- Credit Info/Available *
- Active Line
- Battery Meter

Headset
- Auto Answer
- Voice Dial

Car Settings
- Auto Answer
- Auto Handsfree
- Power-Off Delay
- Charger Time

Network
- New Network
- Network Setup
- Available Networks
- My Network List
- Service Tone
- Call Drop Tone

Security
- Phone Lock
- Lock Application
- Fixed Dial
- Call Barring
- SIM PIN
- New Passwords
- Certificate Mgmt

Java Settings
- Java System
- Delete All Apps
- App Vibration
- App Volume
- App Priority
- App Backlight
- Set Standby App
- DNS IP

* optional features

4

Contents

Note: The functions available on this handset may vary in different regions and nations. Please contact your local customer service centres, agencies or retailers if you have any question about the handset functions. Motorola reserves all rights to revise and change this user's manual without obligation to notify any person of such revisions or changes.

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.
READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety
information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it
receives and transmits RF energy. When you communicate with your
phone, the system handling your call controls the power level at which
your phone transmits.

Your Motorola phone is designed to comply with local regulatory
requirements in your country concerning exposure of human beings to RF
energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to
RF energy is within the guidelines set forth in the relevant standards,
always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna.
Unauthorized antennas, modifications, or attachments could damage the
phone.

Do NOT hold the external antenna when the phone is IN USE. Holding
the external antenna affects call quality and may cause the phone to
operate at a higher power level than needed. In addition, use of
unauthorized antennas may result in non-compliance with the local
regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.

- NOT carry the phone in the breast pocket.

- Use the ear opposite the pacemaker to minimize the potential for interference.

- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found at the Motorola website: www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere. Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.
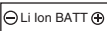
Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
⚠	Important safety information will follow.
🔥⃠	Your battery or phone should not be disposed of in a fire.
♻	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
🗑⃠	Your battery or phone should not be thrown in the trash.
⊖ Li Ion BATT ⊕	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing

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video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a flashing-lights feature on your phone. (The flashing-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate flashing lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a flashing-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:
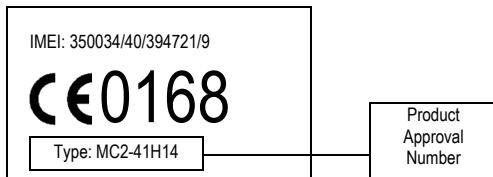
- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with

- The essential requirements and other relevant provisions of Directive 1999/5/EC

All other relevant EU Directives

```
┌─────────────────────────────┐
│ IMEI: 350034/40/394721/9    │
│                             │        ┌──────────┐
│  CE0168                     │        │ Product  │
│ ┌─────────────────────────┐ │────────│ Approval │
│ │ Type: MC2-41H14         │ │        │ Number   │
│ └─────────────────────────┘ │        └──────────┘
└─────────────────────────────┘
```

The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rtte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site

Getting Started

About This Guide

This guide describes the basic features of your Motorola wireless phone.

Optional Features

This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.
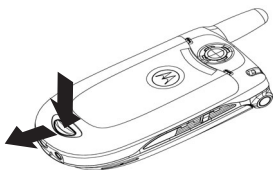
Optional Accessories

This label identifies a feature that requires an optional Motorola Original™ accessory.
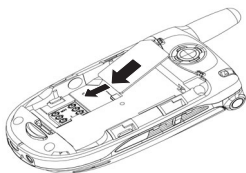
Installing the SIM Card

Your SIM (Subscriber Identity Module) card contains your phone number, service details, and phonebook/message memory.

Caution: Do not bend or scratch your SIM card. Avoid exposing your SIM card to static electricity, water, or dirt.

1   **2**

Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; items attached to your phone's accessory connector; and your voice, data, and other application usage patterns.

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original batteries and battery chargers. The phone warranty does not cover

damage caused from using non-Motorola batteries and/or battery chargers.

- New batteries or batteries that have been stored for a long time may require a longer charge time.

- Maintain the battery at or near room temperature when charging.

- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.

- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.

- Batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.

The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

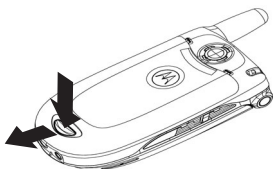**Warning:** Never dispose of batteries in a fire because they may explode.
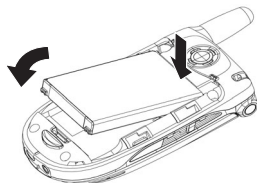
Installing the Battery

Note: If necessary, remove the battery from its protective clear plastic case.
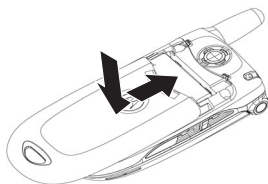
Your phone is designed to use only Motorola Original® batteries and accessories. We recommend that you store batteries in their protective cases when not in use.
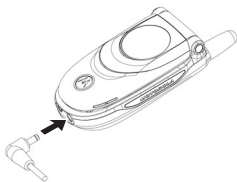
1

2

3

Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Action
1 Plug the travel charger into the bottom of your phone.
2 Plug the other end of the travel charger into the appropriate electrical outlet.
3 When your phone indicates **Charge Complete**, remove the travel charger.

Tip: You can safely leave the travel charger connected to your phone after charging is complete. This will not damage the battery.

Turning Your Phone On

Action
1 Press and hold 🔌 for 2 seconds to turn on the phone.

Power & End Key

2 If necessary, enter your SIM card PIN code and press OK (🔵) to unlock the SIM card.

  Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked.
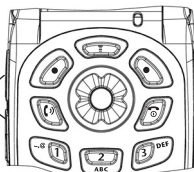
3 If necessary, enter your 4-digit unlock code and press OK (🔵) to unlock the phone.

Adjusting Volume

Press the up and down volume keys to:

- increase or decrease earpiece volume during a call

Volume Keys

- increase or decrease the ringer volume setting when the home screen is visible

  Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it

again to switch to silent alert. Press the up volume key to switch back to vibrate alert, then ring alert.

• turn off an incoming call alert

Making a Call

Press		To
1	keypad keys	dial the phone number
2	📞	make the call
3	📵	end the call and "hang up" the phone when you are finished

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Press		To
1	📞 or ANSWER (🔘)	answer the call
2	📵	end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

To view your phone number from the home screen, press ⬛ 📵 .

While you are on a call, press ⬛ > **My Tel. Numbers**.

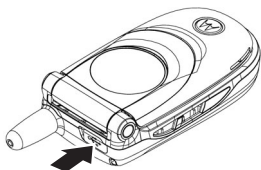*Getting Started*

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Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

USB Connectivity

Your phone features a USB port for quick and easy connection to a PC so you can make data and fax calls (see page 150.

Note: USB data cables and supporting software are sold separately.

Sending a Multimedia Message

A **Multimedia Messaging Service** (MMS) message contains one or more slides with text and embedded media objects (including pictures, animations, sounds, or voice records). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature   > Messages > New Message
                 > New Multimedia Msg

Note: Depending on your service provider, your phone may list the option shown above as New Picture Msg rather than New Multimedia Msg.

Press	To
1 keypad keys	enter slide text
	Tip: You can press to open the **MMS Menu** and select **INSERT** ( ) to insert a **Picture**, **Voice Record**, **Sound**, **New Page**, **Quick Note**, or **Contact Info**.
2 **OK** ( )	store the message
3	scroll to a **Send To** option:
	• Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses.
	• Highlight [**New Phonebook Entry**] to enter a number/address and add it to the phonebook.
	• Or highlight an existing phonebook entry.
4 **SELECT** ( )	select [**One Time Entry**] or [**New Phonebook Entry**] and enter a number/address. Press **OK** ( ) or **DONE** ( ) when you are finished.
or	

Press	To
ADD ( )	add a phonebook entry to the list of recipients. Press DONE ( ) when you are finished.
5	scroll to **Subject**
6 CHANGE ( )	select **Subject**
7 keypad keys	enter the subject
8 OK ( )	store the subject
9 CHANGE ( )	select **Attachments**
10	scroll to **Picture** or **Sounds**
11 SELECT ( )	select the file type
12	highlight the file you want
13 SELECT ( )	attach the file
14 BACK ( )	return to the message editor
15	scroll to **Receipt**
16 CHANGE ( )	select **Receipt**
17 ADD ( ) or REMOVE ( )	activate/deactivate the delivery report
18 DONE ( )	return to the message editor

Press	To
19 SEND (🔵)	send the message
or	
📼	send the message, view message details, save the message in the drafts folder, or cancel the message

Receiving a Multimedia Message

When you receive an MMS message, your phone displays the ⊌ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (🔵)	open the message

MMS messages that you receive can contain the following media objects:

- Pictures, and animations are displayed as you read the message.

- A sound file begins playing when its slide is displayed.

- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/ filename and press **VIEW** (🔵) (image file type), **PLAY** (🔵) (sound file), or **OPEN** (🔵) (object such as phonebook or datebook entry, or unknown file type).

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* displays when you are **not** on a call or using the menu. You must be in the home screen to dial a phone number.

```
 ₁ₐₗₗ                    △») ▥
Service Provider



                            ⌣·  ──── Clock

MEDIA      ☰       STYLES
```
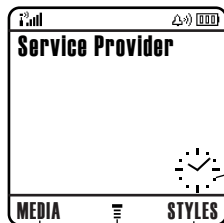
Left Soft Key Label   Right Soft Key Label

Menu Indicator

Note: Your home screen may look different than the display shown above, depending on your service provider.

The ☰ (menu) indicator indicates that you can press the menu key (⬤) to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left soft key (●) or

Learning to Use Your Phone

right soft key ( ) to perform the function indicated by the left or right soft key label.

Your phone can display an analog or digital clock in the home screen (see page 121).

The following status indicators can display:

4. Roam

5. Active Line

6. Messaging Presence

7. Message

1. Signal Strength

2. GPRS

3. Data Transmission

9. Battery Level

8. Ring Alert
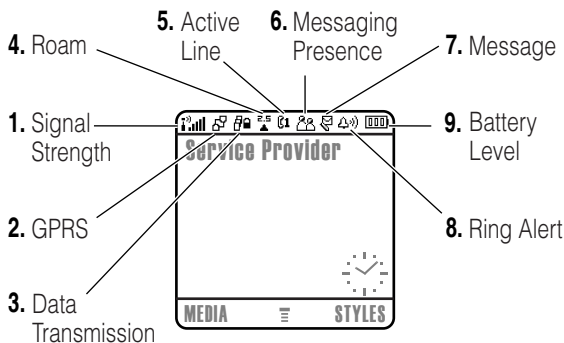
1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the $ i^{\circ} $ (no signal) indicator or $ i^{\circ} \times $ (no transmit) indicator displays.

2. GPRS Indicator

Shows that your phone is using a high-speed General Packet Radio Service (GPRS) network connection. GPRS allows faster data transfer speeds. Indicators can include:

$\boxed{\cdot\cdot}$ = GPRS PDP context
active

$\boxtimes$ = GPRS packet data
available

3. Data Transmission Indicator

Shows connection and data transmission status.
Indicators can include:

$\textit{l\textsc}$ = secure packet data
transfer

$\textit{x}$ = insecure packet data
transfer

$\blacksquare$ = secure application
connection

$\blacksquare$ = insecure application
connection

$\leftrightarrows$ = secure Circuit Switch
Data (CSD) call

$\leftrightarrows$ = insecure CSD call

4. Roam Indicator

Shows when your phone is seeking or using
another network outside your home network.

5. Active Line Indicator

Shows $\textsc{u}$ or $\textsc{v}$ to indicate the current active phone
line. Other indicators can include:

$\textsc{ur}$ = line 1 active, call
divert on

$\textsc{vr}$ = line 2 active, call
divert on

Learning to Use Your Phone

6. Messaging Presence Indicator

Shows when Instant Messaging (IM) is active. Indicators can include:

🐾 = IM active	⧆ = available for IM
⧆ = busy	⧆ = invisible to IM
🕪 = available for phone calls	⧆ = offline

Note: Your Instant Messaging feature may have a different name and may display different icons, depending on your service provider.

When a Java application is active, the ☻ (Java midlet) indicator can display in this location.

7. Message Indicator

Displays when you receive a new message. Indicators can include:

✉ = text message	▣ = voicemail message
⧆ = IM message	☺ = active chat session
✉ = voicemail and text message	

8. Ring Style Indicator

Shows the ring style setting.

     ▵⟩ = loud ring   ▵⟩ = soft ring

     ▥ = vibrate   ▹▵ = vibrate and ring

     ▵⋮ = silent

9. Battery Level Indicator

Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

Learning to Use Your Phone

Using the 5-Way Navigation Key

Use the 5-way navigation key (◉) to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings,

5-Way Navigation Key

and play games. Press the center select button to select a highlighted menu item.
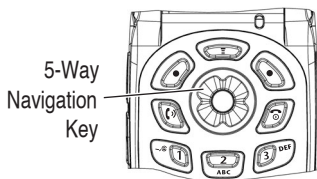
Using Menus

From the home screen, press to enter the main menu.

5-Way Navigation Key
Scroll up, down, left, or right. Press center to select.

Menu Key
Enter menu system.

Right Soft Key
Perform right function.

Left Soft Key
Perform left function.

End Key
Exit menu without making changes.

Press to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may appear in the main menu, depending on your service provider and service subscription options.

Icon	Feature	Icon	Feature
♟	**Games & Apps**	🎬	**Multimedia**
🖨	**Office Tools**	🔧	**Settings**
📄	**IM**	🌐	**Web Access**
📖	**Phonebook**	📇	**Recent Calls**
✉	**Messages**		

Note: Your Instant Messaging menu icon may be different than the one shown above, depending on your service provider.

Selecting a Menu Feature

To select a menu feature, starting from the home screen:

Find the Feature ● > **Recent Calls** > **Dialed Calls**

This example shows that from the home screen, you must press ●, scroll to and select 🔲 **Recent Calls** from the main menu, then scroll to and select **Dialed Calls**.

Press ◉ to scroll, and the left/right soft keys to select the functions listed in the bottom left and right corners of the display.

Selecting a Feature Option

Some features require you to select an option from a list:

```
┌─────────────────────────┐
│ 📶            △»)) ▭▭▭ │      Highlighted
│      Dialed Calls        │      Option
│ ▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓  │
│ 10) John Smith           │
│  9) Lisa Owens           │      Press
│  8) Adda Thomas          │      VIEW (●) to
│  7) Jack Bradshaw        │      view details of
│ BACK      ☰      VIEW    │      highlighted
└─────────────────────────┘      option.
```

Press
BACK (◆) to
go back to
previous
screen.

Press ● to open
sub-menu.

Learning to Use Your Phone
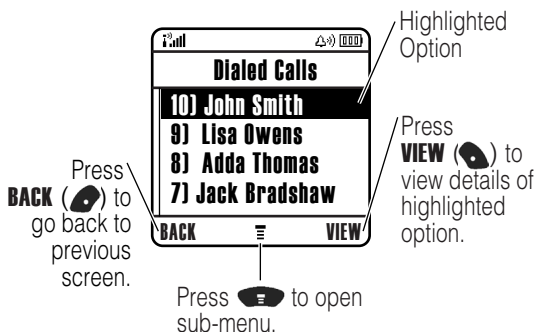
Press ● to scroll up or down to highlight the option you want.

- In a numbered list, press a number key to highlight the option.

- In an alphabetized list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

When an option displays a list of possible values, press ● left or right to scroll through and select a value.

When an option displays a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.

Press ● to scroll down to other options.

Press **CANCEL** (●) to go back to previous screen.

```
Ῑₐₗₗ            △)) ▥
        Entry Details
▌Name: John Smith
  Category: General
  No.: 2125551212
  Type: Work            ▦
 CANCEL          CHANGE
```

Highlighted Option

Press **CHANGE** (●) to view details of highlighted option.
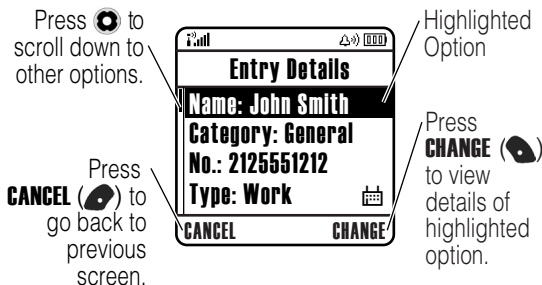
The message center lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in a message.

For indicator descriptions, see following section.

Character Counter

Press ☰ to open sub-menu.

Flashing cursor indicates insertion point.

```
 ⛰ıll              △») ▥▥▥
Ab 1⇧   Msg         450
│
────────────────────────
────────────────────────
────────────────────────
────────────────────────
CANCEL      ☰      INSERT
```

Press **CANCEL** (◆) to exit without making changes.

Press **INSERT** (●) to insert a quick note, picture, animation, sound, or contact info.

📱
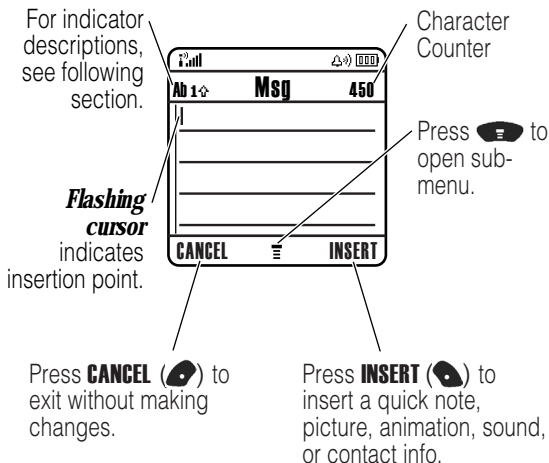
Choosing a Text Entry Mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The method you select remains active until you select another method.

Press ⧈ in any text entry screen to select one of the following entry modes:

Primary	The primary text entry mode (see below to set).
Numeric	Enter numbers only (see page 43).

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| Symbol | Enter symbols only (see page 44). |
| Secondary | The secondary text entry mode (see below to set). |

Alternatively, you can select a text entry mode in any text entry screen by pressing ⚏ > **Entry Mode**.

Setting Up a Text Entry Mode

Press ⚏ > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

iTAP	Let the phone predict each word as you press keys (see page 41).
Tap	Enter letters and numbers by pressing a key one or more times.
None	Hide the Secondary setting (available only for **Secondary Setup**).

Note: Your phone may be programmed other text entry methods.

Using Capitalization

Press ▣ in any text entry screen to change text case. The following indicators on your phone's display show capitalization status:

ab = no capital letters   **Ab** = capitalize next letter only

AB = all capital letters

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Secondary	Description
ı	2	Tap, no capital letters
ı⇪	2⇪	Tap, capitalize next letter only
ı↑	2↑	Tap, all capital letters
▥	▥	iTAP, no capital letters
▥⇪	▥⇪	iTAP, capitalize next letter only
▥↑	▥↑	iTAP, all capital letters

The following indicators identify **Numeric** or **Symbol** entry mode:

ı2 = numeric method @ = symbol method

Using Tap Method

This is the standard method for entering text on your phone.

Tap method cycles through the letters and number of the key you press as shown in the chart on page 40.

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Press		To
1	a keypad key 1 or more times	select a letter, number, or symbol
2	keypad keys	enter remaining characters
		Tip: Press ◎ right to accept a word completion, or ✱ to insert a space.
3	**OK** (◕)	store the text

In a text entry screen, you can press ⏧ to switch entry modes. If **Tap** is not available as the **Primary** or **Secondary** entry mode, see page 37.

When you enter text with **Tap** method, the soft key functions change.

Character displays at insertion point.

After 2 seconds, character is accepted and cursor moves to next position.

Press **DELETE** (◔) to delete character to left of insertion point.

Press **OK** (◕) to accept and store text.

When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:

Character displays at insertion point.

```
┌─────────────────────────┐
│ ⁱ⁵all            ⚠⁾ ▯▯▯  │
│ Ab 1⇧    Msg        435  │
│ This is a prog | ram     │
│                          │
│                          │
│                          │
│ DELETE      ☰        OK  │
└─────────────────────────┘
```

Press **◯ ▶** to accept **program**, or press **✎** to reject it and enter a space after **prog**.

If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

Character Chart

Use this chart as a guide for entering characters with **Tap** method.

1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
2	a b c 2
3	d e f 3
4	g h i 4
5	j k l 5
6	m n o 6
7	p q r s 7
8	t u v 8
9	w x y z 9
0	change text case, for capital letters

Learning to Use Your Phone

⬤	enter a space (hold to enter a return)
⬤	change text entry mode (hold for default)

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor, ⬤ first shows common characters for that editor.

Tap Method Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters.

- Press ⬤ left or right to move the flashing cursor to the left or right in a text message.

- The first character of every sentence is capitalized. If necessary, press ⬤ down to force the character to lowercase before the cursor moves to the next position.

- If you enter or edit information and do not want to save the changes, press ⬤ to exit without saving.

Using iTAP™ Method

iTAP™ software provides a predictive text entry mode that lets you enter a word using one key press per letter. This can be faster than **Tap** method, because your phone combines the keypresses into common words.

For example, if you press 🔲 🔲 🔲 🔲 , letter combinations that match your key presses display:
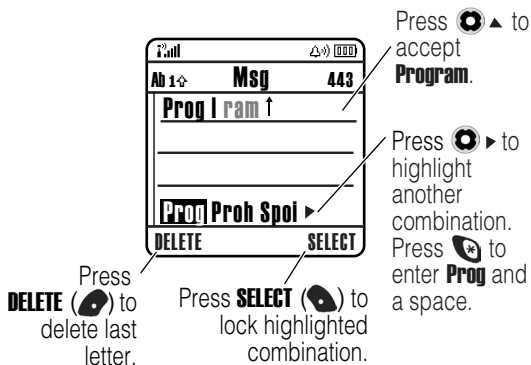
Press **⚪**▲ to accept **Program**.

Press **⚪**▶ to highlight another combination. Press 🔲 to enter **Prog** and a space.

```
📶           ⚬⟩▯▯▯
Ab 1⇧   Msg        443
Prog l ram ↑
_____

Prog Proh Spoi ▶
DELETE           SELECT
```

Press **DELETE** (⚪) to delete last letter.

Press **SELECT** (⚪) to lock highlighted combination.

If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.

Entering Words

In a text entry screen, you can press 🔲 to switch entry modes. An indicator shows which method is active (see page 38). If **iTAP** method is not available as the **Primary** or **Secondary** entry mode, see page 37.

Press	To
1 keypad keys (1 press per letter)	show possible letter combinations at the bottom of the display
2 ⚪ left or right	highlight the combination you want

Press	To
3 **SELECT** ($\bullet$)	lock a highlighted combination
	You can press keypad keys to add more letters to the end of the combination.
or	
$\bullet$	enter the highlighted combination when it spells a word
	A space is automatically inserted after the word.

If you enter a word your phone does not recognize, the phone stores it to use as one of your word options. When you fill memory space for unrecognized words, your phone deletes the oldest words to add new words.

Note: The iTAP method may not be available for all languages.

Using Numeric Method

In a text entry screen, press $\bullet$ to switch entry modes until the **12** (numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press $\bullet$ to switch to another entry mode.

Using Symbol Method

In a text entry screen, press ⊘ to switch entry modes until the ⊚ (symbol) indicator displays.

	Press	To
1	keypad keys (1 press per symbol)	show possible symbol combinations at the bottom of the display
2	◯ left or right	highlight the combination you want
3	SELECT (◥)	enter the highlighted combination

Symbol Chart

Use this chart as a guide for entering characters with symbol method.

◥1	. ? ! , @ ' - _ : ; ( ) & " ~ 1 0 ¿ ¡ % £ $ ¥ ¤ € + x * / \ [ ] = > < # §
◥2	@ _ \ α ß
◥3	/ : ; δ ε φ
◥4	" & ' Γ η
◥5	( ) [ ] { } κ λ
◥6	¿ ¡ ~ μ ν ω Ω
◥7	< >= Π ρ σ Σ
◥8	$ £ ¥ ¤ ∈ Θ
◥9	# % * ζ ξ Ξ χ Ψ Ψ
◥0	+ - x * / \ [ ] = > < # §

Learning to Use Your Phone

🕊️	enter a space (hold to enter a return)
🎵	change text entry mode (hold for default)

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor, 🕊️ first shows common characters for that editor.

Deleting Letters and Words

Use the 5-way navigation key to place the cursor to the right of the text you want to delete, then:

Action

Press **DELETE** (⬤) to delete 1 letter at a time.

Hold **DELETE** (⬤) to delete the entire message.

Using the External Display

When the flip is closed, the external display shows the time. It also displays messages to notify you of incoming phone calls and other events.

External Display
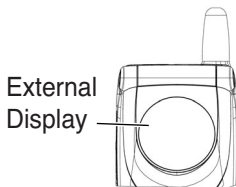
Using the Handsfree Speaker

When you activate your phone's integrated handsfree speaker, you can talk to the other party without holding the phone to your ear.

Press **SPEAKER** (🔊) to turn the handsfree speaker on or off while dialing a call or during a call.

When you turn the handsfree speaker on, your phone displays **Spkrphone On** in the home screen. The handsfree speaker remains on until you press **SPEAKER** (🔊) again or turn the phone off.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has not reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, PIN2 code, and/or call barring password if necessary.

To change a code or password:

Find the Feature   ■ > Settings > Security
                               > New Passwords

Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency calls on your phone even when it is locked (see page 60).

Locking Your Phone Manually

Find the Feature   ■ > Settings > Security
                               > Phone Lock > Lock Now

Press	To
1 keypad keys	enter your unlock code
2 OK (●)	lock the phone

Unlocking Your Phone

Your phone's unlock code is originally set to 1234. Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the Enter Unlock Code prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK ($\bullet$)	unlock your phone

Setting Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off:

Find the Feature $\qquad \bullet \;$ > Settings > Security
> Phone Lock
> Automatic Lock > On

Press	To
1 keypad keys	enter your unlock code
2 OK ($\bullet$)	activate automatic lock

If You Forget a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset the unlock code to the last 4 digits of your phone number before you receive your phone.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

Learning to Use Your Phone

Press		To
1	☎	display the unlock code bypass screen
2	keypad keys	enter your security code
3	**OK** (●)	submit your security code

If you forget your security code, SIM card PIN code, PIN2 code, or call barring password, contact your service provider.

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 98.

To open your phonebook from the home screen, press ● down.

Storing a Phone Number

Enter a phone number in the home screen, then press **STORE** (●) to create a phonebook entry with that number. Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work number) for the same **Name**.

Recording a Voice Name

Note: This option is not available for entries stored on the SIM card.

When creating a phonebook entry, scroll to **Voice Name** and press **RECORD** (◆). When you are ready, press **RECORD** (◆) again and say the entry's name (within 2 seconds). When prompted, press **RECORD** (◆) and repeat the name. Press **DONE** (◆) to store the voice name.

Storing a Picture for Caller ID

Note: This option is not available for entries stored on the SIM card.

You can store a picture for a phonebook entry. The picture displays when you receive calls from the entry.

When creating a phonebook entry, scroll to **Picture** and press **CHANGE** (◆). Press ◆ to select a picture, and press **SELECT** (◆) to store it for the entry.

Dialing a Number

Press ◆ > **Phonebook** > *entry to call* ◆.

Tip: To quickly highlight entries in your **Phonebook** list: If your entries are sorted by **Speed No.**, press an entry's speed number to highlight it. For example, press ◆ ◆ for entry number 15. If your entries are sorted by **Name**, **Voice Name**, or **Email**, enter the first letter of the entry's name to highlight it. For example, press ◆ ◆ for the first entry that starts with "K".

Voice Dialing a Number

Press ● > **Office Tools**, press **Dialing Services** > **Voice Dial**, and say the entry's name (within 2 seconds).

To create a shortcut to **Voice Dial**, press
● > **Office Tools** > **Dialing Services**, scroll to **Voice Dial**, and hold the ●. Your phone prompts you to save the shortcut. To use a shortcut, press ● and the shortcut key number.

Sorting Phonebook Entries

Press ● > **Phonebook**, press ● > **Setup** > **Sort by**, then select whether you want to sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 111.

Viewing Entries By Category

Press ● > **Phonebook**, press ● > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 111.

Setting Up Your Phone

Setting the Time and Date

Your phone uses the time and date for the **Datebook**.

To set the time and date:

Find the Feature   ![icon] > **Settings** > **Initial Setup**
> **Time and Date**
> **Time** or **Date**

Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an **alert**.

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 32).

To set a ring style:

Find the Feature   ![icon] > **Settings** > **Ring Styles**
> **Style**

Press	To
1 ⊙	scroll to the ring style
2 **SELECT** (●)	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press ☎ > **Settings** > **Ring Styles** > style **Detail**.

Shortcut: To change your ring volume from the home screen, press volume keys.

Setting a Wallpaper Image

You can set a picture or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

Find the Feature   ☎ > **Settings** > **Personalize**
                                         > **Wallpaper**

Press	To
1 ⚪	scroll to **Picture**
2 **CHANGE** (🔘)	open the picture viewer
3 ⚪ up or down	scroll to a picture/animation
	Scroll to **(None)** to turn off the wallpaper image.
4 **SELECT** (🔘)	select the image
5 ⚪	scroll to **Layout**
6 **CHANGE** (🔘)	change the image layout

Press	To
7 🔘	scroll to **Center**, **Tile**, or **Fit-to-screen**
	Center places the image in the center of the display.
	Tile fills the display with multiple copies of the image.
	Fit-to-screen resizes the image, if necessary, to fit the display.
8 **SELECT** (🔘)	confirm the layout setting
9 **BACK** (🔘)	save wallpaper settings

Setting a Screen Saver Image

Set a picture or animation as a screen saver image.

The screen saver image displays when the phone is on and no activity is detected for a specified time. The image shrinks to fill the display, if necessary. An animation repeats for a certain period of time, then the first frame of the animation displays.

Turn off the screen saver to extend battery life.

Find the Feature 　　　 ■ > **Settings** > **Personalize** > **Screen Saver**

Press	To
1 🔘	scroll to **Picture**
2 **CHANGE** (🔘)	open the picture viewer

Press		To
3	◉ up or down	scroll to a picture/animation
		Scroll to **(None)** to turn off the screen saver image.
4	**SELECT** (🔾)	select the image
5	◉	scroll to **Delay**
6	**CHANGE** (🔾)	set the delay interval
7	◉	scroll to the inactivity interval that starts the screen saver
8	**SELECT** (🔾)	confirm the delay setting
9	**BACK** (🔾)	save screen saver settings

Setting Display Color

Select the color palette that your phone uses to display indicators, highlights, and soft key labels.

Find the Feature   💬 > **Settings** > **Personalize** > **Color Style**

Adjusting the Display Contrast

Find the Feature   💬 > **Settings** > **Initial Setup** > **Contrast**

Adjusting the Backlight

Set the amount of time that the display and keypad backlights remain on.

Find the Feature 　　　 > **Settings** > **Initial Setup**
  　　　　　　　　　　　　　 > **Backlight**

Setting Display Timeout

Set the display to turn itself off when no activity is detected for a specified time.

Find the Feature 　　　 > **Settings** > **Initial Setup**
  　　　　　　　　　　　　　 > **Display Timeout**

Calling Features

For basic instructions on how to make and answer calls, see page 23.

Changing the Active Line

Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

Find the Feature   🔲 > **Settings** > **Phone Status** > **Active Line**

The active line indicator in the display shows the currently active phone line (see page 30).

Redialing a Number

Press		To
1	📞	view the dialed calls list
2	⬤	scroll to the entry you want to call
3	📞	redial the number

Using Automatic Redial

When you receive a busy signal, your phone displays **Call Failed, Number Busy**.

To redial the phone number:

Press	To
🕽 or **RETRY** (🔖)	activate automatic redial

Your phone redials the number. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

Using Caller ID

Incoming Calls

Calling line identification (Caller ID) displays the phone number for incoming calls in your phone's display.

The phone displays the caller's name (and picture, if available) when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

You can also set your phone to play a distinctive ringer ID and/or picture ID for specific entries stored in your phonebook. For more information, see page 101.

Outgoing Calls

You can show or hide your phone number as an ID for the calls that you make.

Find the Feature   ■ > Settings > In-Call Setup
                            > My Caller ID

You can override the default caller ID setting when you make a call. While dialing (with digits visible in the display):

Press	To
■ > Hide ID/Show ID	hide or show your caller ID for the next call

Canceling an Incoming Call

While the phone is ringing or vibrating:

Press	To
IGNORE (◗)	cancel the incoming call

Depending on your phone settings and/or service subscription, the call may be diverted to another number or sent directly to your voicemail, or the caller may hear a busy signal.

Turning off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume key	turn off call alert

Calling Features

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 999 or 112, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press		To
1	keypad keys	dial the emergency number
2	📞	call the emergency number

Dialing International Numbers

Press and hold ⓪ to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

Shortcut: Press 📞 from the home screen to view the dialed calls list.

Find the Feature   ▣ > Recent Calls

Press		To
1	⊙	scroll to **Received Calls** or **Dialed Calls**
2	**SELECT** (◆)	select the list
3	⊙	scroll to an entry
		✓ means the call connected.
4	📞	call the entry's number
		Press and hold 📞 for 2 seconds to send the number as DTMF tones during a call.
	or	
	VIEW (◆)	view entry details
	or	
	💬	open the **Last Calls Menu** to view the options avalable for the entry

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the **No.** field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.

Option	Description
Send Message	Open a new text message with the number in the **To** field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.

Returning an Unanswered Call

When your phone is powered on, it keeps a record of your unanswered calls and displays:

- **X Missed Calls**, where **X** is the number of missed calls

Press	To
1 **VIEW** (●)	see the received calls list
2 ●	select a call to return
3 📞	make the call

Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's notepad memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature   ▾ > **Recent Calls** > **Notepad**

Press	To
📞	call the number
or	
📋	open the **Dialing Menu** to attach a number or insert a special character
or	
STORE (🔹)	create a phonebook entry with the number in the **No.** field

Attaching a Number

While dialing (with digits visible in the display):

Press	To
📋 > **Attach Number**	attach a number from the phonebook or recent calls lists

Calling with Speed Dial

Each entry you store in your phonebook is assigned a unique speed dial number.

To see an entry's speed dial number, press 📋
> **Phonebook**, scroll to the entry, press **VIEW** (🔹).

To speed dial a phonebook entry:

Press		To
1	keypad keys	enter the speed dial number for the entry you want to call
2	*⁊*	submit the number
3	*☏*	call the entry

Calling with 1-Touch Dial

To call phonebook entries 1 through 9, press and hold the single-digit speed dial number for one second.

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook.

Using Voicemail

Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature　　　　　*▣* > Messages > Voicemail

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the ⊠» (voicemail message) indicator and a New Voicemail notification.

Press	To
CALL (🔇)	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.

Find the Feature   🔘 > **Messages**

                         🔘 > **Voicemail Setup**

                                > **Voicemail No.**

Press	To
1 keypad keys	enter your voicemail number
2 OK (🔇)	store the number

You cannot store a **p** (pause), **w** (wait), or **n** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

Using Call Waiting

When you are on a call, an alert tone sounds to indicate that you have received another call.

Press	To
1 📞	answer the new call
2 SWITCH (⬤)	switch between calls
or	
LINK (◢)	connect the 2 calls
or	
▬ > End Call On Hold	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature ▬ > Settings > In-Call Setup > Call Waiting

Putting a Call On Hold

Press	To
HOLD (⬤) (if available)	put the call on hold
or	
▬ > Hold	

Calling Features

66

Transferring a Call

You can announce that you are transferring an active call to another party, or you can transfer the call without announcing the transfer.

Announce the Call Transfer

Find the Feature   ⬛ > **Hold**

Press		To
1	keypad keys	dial the number where you are transferring the call
2	📞	call the number and speak to the person who answers
3	⬛	open the menu
4	⭕	scroll to **Transfer**
5	**SELECT** (🔘)	select **Transfer**
6	**OK** (🔘)	confirm the transfer

Do Not Announce the Call Transfer

Find the Feature   ⬛ > **Transfer**

Press		To
1	keypad keys	dial the number where you are transferring the call
2	📞	transfer the call

Messages

You can send and receive messages containing a variety of media objects, including text, pictures, animations, sounds, and voice records.

Setting Up the Message Inbox

You must set up your message inbox **before** you can send and receive messages.

Note: Usually, your service provider has already set up the message inbox for you.

Find the Feature   ☎ > **Messages**
                        ☎ > **Message Setup**

To set up the message inbox, configure the following settings. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
MMS Message Setup	Set up the following **Multimedia Messaging Service** (MMS) features:
• **Hide Fields**: Specify which fields are hidden when composing a multimedia message.	
• **Autosignature**: Create a signature you can append to outgoing multimedia messages.	

Option	Description
• **Download**: Choose to download new messages automatically, or to **Defer** (see page 78).	
• **Filter**: Reject incoming multimedia messages from specific senders.	
• **Expire After**: Number of days your network should attempt to send undelivered multimedia messages.	
• **Reply Type**: Standard type of reply to send to a received MMS message—(SMS) short text message or multimedia message.	
• **Size Limit**: Maximum size of incoming multimedia message to be downloaded to your phone.	
• **Server Info**: Select the server you want to use (information may be viewable only).	

Inbox View	Display sender or subject information with a multimedia message.
Srvce Center No	Number of the service center that handles your outgoing text messages.
Auto Cleanup	Specify the number of days you want to keep messages in the inbox, or number of messages you want to keep.
Email Gateway	Port number for the email gateway that handles your outgoing email messages (required to send a text message to an email address).

Option	Description
SMS Alert	Activate or deactivate reminders and alerts for **Short Message Service** (SMS) text messages that you receive during a call.
Use GPRS	Use a high-speed GPRS connection to send and receive text messages.

Sending a Text Message

You can send an SMS **text message** to other wireless phone users, and to email addresses.

Find the Feature   > **Messages** > **New Message** > **New Short Msg**

	Press	To
1	keypad keys	enter the text message
	or	
	INSERT ( )	insert a quick note, picture, animation, sound, or contact information
2	**OK** ( )	store the message

Press		To
3	◯	scroll to a **Send To** option:
		Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses.
		Highlight [**New Phonebook Entry**] to enter a number/address and add it to the phonebook
		Or highlight an existing phonebook entry.
4	**SELECT** (●)	select [**One Time Entry**] or [**New Phonebook Entry**]
	or	
	ADD (●)	add a phonebook entry to the recipients list
		Press **DONE** (●) to store the numbers/addresses you add.
5	**SEND** (●)	send the message
	or	
	📧	send the message, view message details, save the message in the drafts folder, or cancel the message

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Sending a Quick Note Text Message

Quick notes are prewritten text messages that you can send quickly. You can also create new quick notes.

Find the Feature   ▪ > Messages > Quick Notes

Press		To
1	○	scroll to the quick note
2	READ (◥)	read the quick note
	or	
	▪	open the Quick Note Menu to perform other procedures

The **Quick Note Menu** can include the following options:

Option	Description
New	Create a new quick note.
Edit	Edit the quick note.
Delete	Delete the quick note.
Send	Open a new message with the quick note in the **Msg** field.

Sending a Multimedia Message

An MMS **multimedia message** contains one or more slides with text and embedded media objects, synchronized in a single presentation. You can send the message to other wireless phone users, and to email addresses.

Tip: The layout of all slides is determined by the layout of the first slide to contain both text and a picture. Place the cursor in the first half of the slide text to insert a picture above the text. Place the cursor in the second half of the slide text to insert a picture below the text.

Find the Feature   > **Messages** > **New Message**
                        > **New Multimedia Msg**

Press	To
1 keypad keys	enter slide text
	Tip: You can press to open the **MMS Menu** and insert a **Picture**, **Voice Record**, **Sound**, **Quick Note**, **Contact Info**, or **MMS templates**.
2 **OK** ( )	store the message

Press		To
3	⭕	scroll to a **Send To** option:
		Highlight [**One Time Entry**] to enter one or more phone numbers and/or email addresses.
		Highlight [**New Phonebook Entry**] to enter a number/address and add it to the phonebook
		Or highlight an existing phonebook entry.
4	**SELECT** (🔾)	select [**One Time Entry**] or [**New Phonebook Entry**] to enter number / address. Press **OK** (🔾) or **DONE** (✏) after entering recipient information
	or	
	ADD (🔾)	add a phonebook entry to the recipients list
		Press **DONE** (🔾) to store the numbers/addresses you add.
5	⭕	scroll to **Subject**
6	**CHANGE** (✏)	select **Subject**
7	keypad keys	enter the subject
8	**OK** (🔾)	store the subject
9	**CHANGE** (✏)	select **Attachments**
10	⭕	scroll to **Picture** or **Sounds**

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Press	To
11 SELECT (•)	select the file type
12 ◉	highlight the file you want
13 SELECT (•)	attach the file
14 BACK (✎)	return to the message editor
15 ◉	scroll to **Receipt**
16 CHANGE (✎)	select **Receipt**
17 ADD (•) or REMOVE (•)	activate/deactivate the delivery report
18 DONE (✎)	return to the message editor
19 SEND •)	send the message
or	
⬚	send the message, view message details, save the message in the drafts folder, or cancel the message

While editing a multimedia message, press ⬚ to open the **MMS Menu**. The **MMS Menu** can include the following options:

Option	Description
Insert	Insert a **Picture**, **Voice Record**, **Sound**, **New Page**, **Quick Note**, **Contact Info**, or **MMS templates**.
Delete Audio	Delete the sound file attached to the current slide.
Delete Page	Delete the current slide.

Option	Description
Preview	Play the multimedia message.
Set Page Timing	Set the number of seconds each slide is displayed.
Next Page	Advance to next slide.
Previous Page	Go back to previous slide.
Entry Mode	Select the text entry mode.
Entry Setup	Set primary and secondary text entry modes.

Using MMS Templates

MMS templates are multimedia message templates with preloaded media content. You can select an MMS template and use it as you would for a multimedia message.

If a media object in a template cannot be edited, you will be unable to highlight the object.

Find the Feature   ● > Messages > New Message
                                         > MMS Templates

Viewing the Status of Sent Messages

Messages that you send are stored in the outbox.

Find the Feature   ● > Messages > Outbox

Messages in the outbox are sorted from newest to oldest. The following indicators show message status:

$\Rightarrow\!\!\!\rangle$ = sending in $\boxed{\cdots}$ = sent
progress

$\boxed{\cdots}$ = sending failed

For additional information, highlight a message and press
 ☎ > **Message Status**.

Tips For Sending Messages

- Press ✐ to select a text entry mode when you enter
  message text.

  See page 36.

- When you enter a text message, a counter at the top
  of the display switches between the number of pages
  you have written, and the number of characters left on
  the current page.

- When you enter a multimedia message, a counter at
  the top of the display shows the current message size.
  Network charges are based on the size of the
  message.

- When you manually enter phone numbers and/or
  email addresses in the **To** field, you must insert a
  space between each entry. Press ⦿ to the right to
  insert a space between each phone number or
  email address.

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Receiving a Message

When you receive a message, your phone displays the ✉ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (🔘)	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Multimedia messages that you receive can contain different media objects:

- Pictures and animations are displayed as you read the message.

- A sound file begins playing when its slide is displayed.

- Attached files are appended to the message. To open the attachment, highlight the file indicator/filename and press **VIEW** (🔘) (image file type), **PLAY** (🔘) (sound file), or **OPEN** (🔘) (object such as phonebook or datebook entry, or unknown file type).

Reading, Locking, or Deleting a Message

Messages in the message inbox are sorted from newest to oldest. The following indicators show message status:

▽	▽▯
= unread	= unread (with attachment)
◇	◇▯
= read	= read (with attachment)
◇▯	◇▯
= read and locked	= read and locked (with attachment)

The oldest messages are deleted automatically as specified by the inbox **Cleanup** setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature　　　　　　**■** > **Messages** > **Message Inbox**

Press	To
1　○	scroll to the message

Press		To
2	**READ** (🔵)	open the message
or		
	🔳	open the Message Menu to perform other procedures

The **Message Menu** can include the following options:

Option	Description
Delete	Delete the message.
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Replay	Replay a multimedia message.
Reply	Open a new message, with the sender's number or email address in the **To** field.
Reply To All	Open a new message, with the sender's number/address in the **To** field, and all other recipients listed in the **Cc** field.
Forward	Open a copy of the message, with an empty **To** field.
Chat	Start a chat session with the sender.
Lock or **Unlock**	Lock or unlock the message.

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Option	Description
Store	Display a list of storable items, including inserted and attached files, and the sender's number or email address.
Cleanup Messages	Delete all messages in the inbox.
New Message	Open a new message.
Setup	Open the message inbox setup menu.

Storing an Object from a Message

To store a media object contained in a multimedia message, go to the slide that contains the object and then:

Press	To
1 🔲	open the **Message Menu**
2 🔘	scroll to **Store**
3 **SELECT** (🔵)	display a list of storable items
4 🔘	scroll to **File**
5 **SELECT** (🔵)	display the name of the object(s) in the current slide
6 🔘	highlight the object filename, if necessary
7 **STORE** (🔵)	view storage options

Press	To
8 ○	scroll to **Store Only**, **Apply as Wallpaper**, **Apply as Screen Saver**, or **Apply as Ring Tone** (only options appropriate to the file type are listed)
9 **SELECT** (●)	perform the storage option of your choice

Reading Browser Messages

Your network's Web server can send you **browser messages** that you can read in your micro-browser.

When you receive a browser message, your phone displays the ▨ (message waiting) indicator and a **New Browser Message** notification, and sounds an alert.

Press	To
GO TO (●) **or**	launch the micro-browser and view the message
EXIT (●)	close the new message notification

To view your browser messages at any time:

Find the Feature ● > **Messages** > **Browser Msgs**

Press		To
1	⭕	scroll to a message
2	**SELECT** (🔘)	open the message

Reading Information Service Messages

Information service messages are broadcast messages that you can receive, such as stock updates or news headlines.

Setting Up the Information Services Message Inbox

You must set up your information services message inbox **before** you can receive information services messages.

Note: Usually, your service provider has already set up the information services message inbox for you.

Find the Feature   ■ > **Messages**

                                ■ > **Info Srvc Setup**

Press		To
1	**CHANGE** (🔘)	change the **Service** setting
2	⭕	scroll to **On** or **Off** to turn cell broadcasts on or off
3	**SELECT** (🔘)	select the service setting

	Press	To
4	SELECT (🔵)	select **Active Channels** to set the subscription channels
5	🔘	scroll to an active channel that you want to disable, or scroll to [**New Channel**] to add a new channel
6	BACK (🔵)	return to the cell broadcast menu when you are finished setting subscription channels
7	CHANGE (🔵)	change the **Quick View** channel
8	keypad keys	enter the quick view channel number
9	OK (🔵)	store the quick view channel number
10	SELECT (🔵)	change the **Save Q.View** setting
11	🔘	scroll to **Yes** or **No** to set whether you want to save single-line quick view messages in the inbox
12	SELECT (🔵)	store the save setting
13	SELECT (🔵)	change the **Languages** setting

Press	To
14 ◯	scroll to **Lang2** through **Lang4** and set the languages in which you want to accept cell broadcasts
	Note: You cannot change the **Lang1** setting. **Lang1** is the default phone language set on the **Initial Setup** menu.
15 **DONE** (◢)	return to the cell broadcast menu when you are finished setting broadcast languages
16 **SELECT** (◥)	change the **Auto Cleanup** setting
17 ◯	scroll to the number of days you want to keep messages in the inbox, or the number of messages you want to keep
18 **SELECT** (◥)	select cleanup settings
19 **DONE** (◢)	save the information services message inbox settings

Receiving an Information Services Message

When you receive a lengthy information services message, your phone displays the ⊠ (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ (key)	open the message

If the new message is a short quick view message, it displays in your screen (See page 88).

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone.

When your phone displays **Memory is Full!**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new messages.

Reading, Locking, or Deleting an Information Services Message

Messages in the information services message inbox are sorted from newest to oldest. The following indicators show message status:

   ✉ = unread   📭 = read

   📭 = read and locked

The oldest messages are deleted automatically as specified by the inbox Cleanup setting. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.

Find the Feature   key **> Messages > Info Services**

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Press		To
1	**O**	scroll to the message
2	**READ ( )**	open the message
	or	
		open the **Info Srvc Menu** to perform other procedures

The **Info Srvc Menu** can include the following options:

Option	Description
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Forward	Open a copy of the message, with an empty **To** field.
Lock or **Unlock**	Lock or unlock the message.
Store Number or **Store Address**	Open a new phonebook entry with the message's embedded number or email address in the **No.** or **Email** field.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Setup	Open the information services message inbox setup menu.

Read and Save a Quick View Message

Quick view messages are short information service messages that display in your screen. Your phone alerts you when you receive a new quick view message.

Action
Read the quick view message, then press $\boxed{\circledcirc}$ to delete it.

If the message is more than 2 lines, you can press **SAVE** ($\bullet$) to save it in your information services inbox. To automatically save quick view messages, see page 83.

Note: Broadcast or browser services send quick view messages on quick view channels. To set up a quick view channel, see page 83.

Using Instant Messaging

Note: Use **instant messaging** to exchange messages in real time with other wireless phone users. The messages you send display immediately on the other users' phones.

Logging In To IM

Find the Feature $\qquad \boxed{\square}$ > **IM** > **Log in**

	Press	To
1	keypad keys	enter your **User name**
2	**OK** ($\bullet$)	submit your **User name**

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Press	To
3 keypad keys	enter your **Password** (case-sensitive)
4 **OK** (🔲)	submit your Password
	Tip: To log in automatically next time, scroll to **Offline settings > Auto-Login** after you submit your password.
5 🔘	scroll to your **Contact list**
6 **SELECT** (🔲)	view the **Contact list**

Your **Contact list** is sorted by online status:

- **Conversations** display first. These are online IM users having active conversations with you. Press **VIEW** (🔲) to open your conversation with them.

- **Online Contacts** are logged in to IM. Press **SEND IM** (🔲) to send the person a message. A ⚡ (busy) indicator shows that someone is busy and unable to respond.

- **Offline Contacts** are logged out of IM. An ♧ (alert) indicator shows that you have set an alert for the person. You can press **SEND IM** (🔲) to send a message, in case the person has logged in since you refreshed your list.

Note: To refresh your **Contact list**, press 📄 **> Refresh List** while viewing the list.

Sending and Receiving Instant Messages

When you log in to IM, you can exchange messages with other IM users.

Press	To
1 〇	scroll to a name on the Contact List
2 SEND IM ( )	start a conversation with the person
or	
VIEW ( )	open a conversation in progress
3 keypad keys	enter message text
4 SEND ( )	send the message

Your phone displays the conversation history, where you can see the text you sent and the person's replies as they arrive. In the conversation display, you can:

Press	To
BACK ( )	return to the **Contact list**, where you can open more conversations
🔊	return to the home screen, without logging out of IM or closing the conversation
	Note: Your phone displays 辸 **New IM** if you receive a message while on the home screen or in another application.

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Press	To
● > Contact Info	view the screen name and online status of the person in this conversation
● > Add Contact	add the screen name to your Contact List
● > End Conversation	end the conversation

Note: If you log out of IM, you can still view the conversation text by pressing ● > **IM** > **Offline convs.** from the home screen. Turning off your phone erases the conversations.

Setting Your Online Status

When you log in to IM, your online status is visible to other IM users. To set your online status:

Press	To
1 ●	scroll to **My Status**
2 SELECT (●)	select the option
3 ●	scroll to **Available**, **Busy**, or **Invisible**
4 SELECT (●)	select the status setting

Setting Up IM

Adding and Removing Contacts

To add a name, open your **Contact list** or a conversation and press ● > **Add Contact**. If you are not in a conversation, enter the new screen name and press

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OK (🖊). IM returns an error if it cannot verify the name on the server.

To remove a name from your **Contact list**, highlight the name and press ➡ > **Delete Contact**.

Setting an Alert for Offline Contacts

To receive notification when someone logs in to IM, highlight the name in your **Contact list** and press ➡ > **Set Online Alert**.

Setting Your Busy Message

If you are logged in to IM but not responding to new messages, you can set the ⚏ (busy) indicator to display next to your name in everyone else's **Contact list**. From the **IM Online** menu, select **My Status** > **Busy**.

To create or edit a busy message that is automatically sent to IM users attempting to contact you, select **Busy Message** from the **IM Online** menu.

The **IM Online** menu displays when you log in, and when you press **BACK** (🖊) from your **Contact list**.

Setting Your IM Alert

IM can sound an alert when new messages arrive, or when a person for whom you have set an alert logs in to IM.

To turn the IM alert on or off, select **Settings** > **Set Sounds** from the **IM Online** menu.

Logging Out of IM

Select **Log Out** from the **IM Online** menu.

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Using Chat

You can exchange text messages in real time with another wireless phone user in a chat session. The messages you send display immediately on your chat partner's phone.

Start a Chat Session

Find the Feature

- > Office Tools > Chat
- > New Chat

Press	To
1 keypad keys	enter your **Chat Name**
2 OK ( )	submit your **Chat Name**
3	scroll to **To**
4 CHANGE ( )	select **To**
5 keypad keys	enter your chat partner's phone number
or	
BROWSE ( )	select a number from the phonebook or recent calls lists
6 OK ( )	store the number
7	scroll to **Msg**
8 CHANGE ( )	compose the message
9 keypad keys	enter your first chat message
or	
INSERT ( )	insert a quick note

Press	To
10 OK ( )	store the chat message
11 DONE ( )	send the chat message
	When your chat partner replies, the reply displays below your text.
12 CHAT ( )	enter a reply to your partner
13 OK ( )	send your reply

- You can start a chat session from a text message. Press and select **Chat** to start a new session with the sender's **Reply To** number in the **To** field.

- When your phone displays **Memory is Full**, you must delete some existing messages from your inbox, outbox, or drafts folder to receive new chat messages.

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Using the Chat Log

The chat log displays the messages exchanged in a chat session.

Chat Name

Press ◎ to scroll and see more text.

Chat Text

Newest messages display at bottom of log.

```
i.ill        ☺        △》 IIII
             Chat
Katy>Will you be at
the meeting today?
Carlo>What time?
Katy>10am
EXIT         ☰         CHAT
```

Exit chat.   Enter reply.

Press ☎ to open sub-menu.
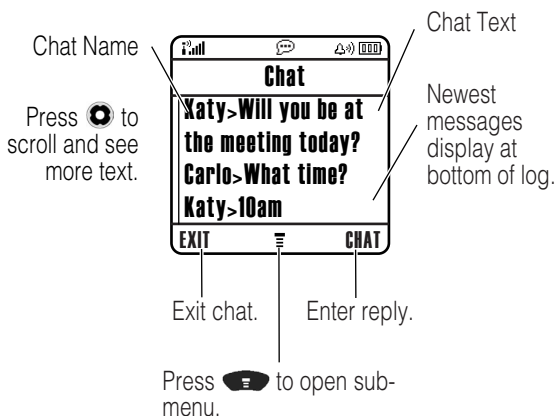
Using the Chat Menu

During a chat session, press ☎ to open the **Chat Menu** to perform the following procedures:

Option	Description
New Chat	Open a new chat session.
Call Partner	Call your chat partner.
Call Number	Call the number listed in the chat log.
Store Number	Create a phonebook entry for the number listed in the chat log.
End Chat	End the chat session.

Messages

Option	Description
Go to Top	Go to the top of the chat log.
Go to Bottom	Go to the bottom of the chat log.
Clear Log	Clear all text from the chat log.
Re-send	Re-send your most recent chat message, if it failed.
Send Message	Create a new chat message.

Responding to Chat

When you receive a chat message, your phone displays Chat from chat name, and sounds an alert.

Press	To
ACCEPT (●)	accept the chat session
IGNORE (●)	refuse the chat session

If reminders are turned on, your phone sends a reminder at regular intervals until you respond to the chat notification or turn off your phone.

If you receive another chat request during a chat session, the new request displays as an incoming text message, with the requestor's **chat name** at the beginning of the message.

Ending a Chat Session

Press	To
1 ●	open the **Chat Menu**
2 ●	scroll to **End Chat**

Press		To
3	**SELECT** (⬤)	select **End Chat**
4	**YES** (⬤)	end the chat session

A chat session also ends when you turn off the phone, answer an incoming call, or start a new chat session.

Your chat partner is not notified when you end a chat session. If your partner sends more chat text, the phone treats it as an incoming text message, with your chat partner's **chat name** at the beginning of the message.

If you exit the chat log without selecting **End Chat**, and your chat partner sends another message, your phone notifies you and adds it to the chat log. You can re-enter the session by returning to the chat log.

Setting Up Your Phonebook

You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook.

To see the names in your phonebook, press **•** > **Phonebook** from the home screen. Scroll to a name and press **VIEW** (**•**) to view the following details for the phonebook entry.

Voice Name indicator indicates a recorded voice name.

Entry Name

Phone Number or email address

Type indicator:
🖥️ = work
🏠 = home
☎ = main
📱 = mobile
📠 = fax
📟 = pager
✉ = email.

Speed Dial Number
(P) stored in phone
(S) stored in SIM

Press **•** to open submenu.

Return to list.

Edit entry.

Display shows:
🖥️🔊 **Carlo Emrys**
212-555-1212
Speed No.15# (P)
Category: General
BACK   **•**   **EDIT**
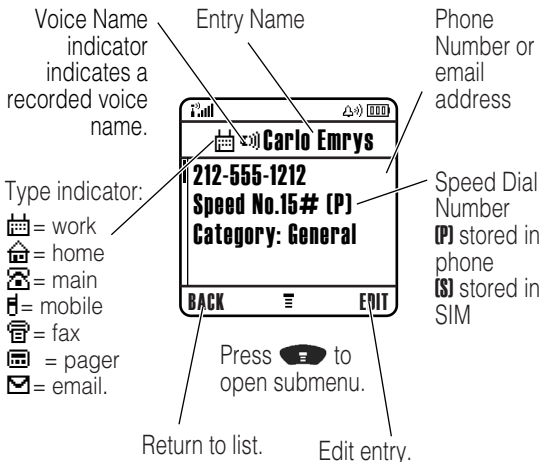
Note: Entries stored on the SIM card do not have **Category**, **Type**, **Voice Name**, **Ringer ID**, or **Picture** information.

Shortcut: To open your phonebook from the home screen, you can press ⬤ down.

Creating a Phonebook Entry

To store a phone number or email address in the phonebook:

Find the Feature   ⬛ > **Phonebook**
                   ⬛ > **New** > **Phone Number** or
                            Email Address

Shortcut: Enter a phone number in the home screen, then press **STORE** (🔊) to create a phonebook entry with the number in the **No.** field.

You can store an entry on your phone or on the SIM card. A phone number or email address is required for a phonebook entry. All other information is optional. You can enter the following information for a phonebook entry.

Option	Description
Name	Specify the entry name.
	Press 📧 to select a text entry mode.
	See page 35.
Category	Set the category to which the entry belongs (**Business**, **Personal**, **General**, or **VIPs**).
	You can set the phonebook to display all entries, or display only entries in a specified category (see page 111).
	Note: The **Category** option is not available for entries stored on the SIM card.
No. or **Email**	Specify the entry's phone number or email address (maximum 40 characters).
Type	Set the entry type.
	The **Type** option is not available for email entries, or for entries stored on the SIM card.
Store To	Set the entry's physical storage location (**Phone** or **SIM**).

Option	Description
Voice Name	Record a voice name for the entry.
	The **Voice Name** option is not available for entries stored on the SIM card.
Speed No.	Change the default speed dial number for the entry, if desired.
Ringer ID	Set a distinctive ringer alert for the entry.
	Your phone sounds the ringer alert when you receive a call from this phone number. To activate ringer IDs, see page 118.
	Note: The **Ringer ID** option is not available for entries stored on the SIM card.

Option	Description
Picture	Assign a picture caller ID picture to the entry.
	Your phone displays the picture when you receive a call from this phone number.
	Note: The **Picture** option is not available for entries stored on the SIM card.
MORE	Create another entry under the same **Name**.
	You must use a different Type identifier for each number.

When you are finished entering information, press
DONE ( ) to store the entry.

Creating a Group Mailing List

You can create a group mailing list consisting of multiple
phone numbers and email addresses previously stored in
the phonebook. Mailing lists make it easy for you to send a
text message to multiple recipients simultaneously.

Find the Feature   > **Phonebook**

        > **New** > **Mailing List**

A name is required for a mailing list entry. The mailing list
must contain at least one member. You can enter the
following information for a mailing list entry.

Option	Description
Name	Specify the mailing list name. Press 🔘 to select a text entry mode. See page 35.
Category	Set the category to which the list belongs (**Business**, **Personal**, **General**, or **VIPs**). You can set the phonebook to display all entries, or display only entries in a specified category (see page 111).
Members	Open the list of phonebook entries that you can add or remove from the mailing list.
Voice Name	Record a voice name for the mailing list.
Speed No.	Change the default speed dial number for the mailing list, if desired. **Note:** You cannot store a mailing list on the SIM card.

When you are finished entering information, press
DONE (🔘) to store the mailing list as a phonebook entry.

Storing a PIN Code With a Phone Number

You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). Insert one or more of the following characters in the dialing sequence to ensure that the number dials and connects properly:

Press	To
▣ > Insert Pause	insert a **p** (pause) character
	Your phone dials the preceding digits, waits for the call to connect, then dials the remaining digit(s).
	Note: If your phone does not recognize the first pause character, try 2 (**pp**).
▣ > Insert Wait	insert a **w** (wait) character
	Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it dials the remaining digit(s).
▣ > Insert 'n'	insert an **n** (number) character
	Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the n character.

You can store a maximum of 40 digits for a phonebook entry stored on the phone. The maximum number may vary for entries stored on the SIM card. Each character counts as one digit.

You cannot store a number that contains a **w** or **n** character on the SIM card.

Recording a Voice Name for a Phonebook Entry

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial.

Note: You cannot record a voice name for an entry stored on the SIM card.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone.

Find the Feature   > Phonebook

Action
1   Press ⊙ to scroll to the entry.
2   Press **VIEW** (◆) to view entry details.
3   Press **EDIT** (◆) to edit the entry.
4   Press ⊙ to scroll to **Voice Name**.
5   Press **RECORD** (◆) to begin recording.
6   Press **RECORD** (◆) and say the entry's name (within 2 seconds) to record the voice name.

Action
7 When prompted, press **RECORD** (🔴) and repeat the entry's name (within 2 seconds).
8 Press **DONE** (🔵) to store the voice name.

Dialing a Phonebook Entry

Use one of the following procedures to call a number (or send a text message to an email address or mailing list) stored in your phonebook.

Phonebook List

Find the Feature　　　　　■■■ > Phonebook

Press	To
1 keypad key letter	jump to entries that begin with that letter (optional)
2 ⚫	scroll to the entry
3 📞	make the call

Voice Dial

Find the Feature　　　　　■■■ > Office Tools
　　　　　　　　　　　　　> Dialing Services > Voice Dial

When prompted, say the entry's voice name (within 2 seconds).

Tip: To create a shortcut to **Voice Dial**, press
■■■ > Office Tools > Dialing Services, scroll to Voice Dial, and hold the ■■■ . Your phone prompts you to save the shortcut.

To use a shortcut, press 🔘 and the shortcut key number.

Storing Longer Numbers

A phonebook number can contain a maximum of 40 digits and characters. You can create multiple phonebook entries to store a dialing sequence that exceeds the 40-character limit. Then you can send the entries in sequence to dial the number.

To store a dialing sequence longer than 40 characters:

Action
1 Create a phonebook entry to store the first part of the dialing sequence (for example, the number for your long-distance service provider).
2 Create a second phonebook entry to store the next part of the dialing sequence (for example, the country code and phone number for an international call).
3 Repeat step 2 as necessary to store the entire dialing sequence. (For example, create a third phonebook entry to store your calling card number and PIN number.)

To dial a dialing sequence stored as multiple phonebook entries:

Action
1 Dial the first phonebook entry. Perform any pause or wait tasks, if necessary, to complete the dialing sequence. Your phone returns to the home screen.
2 Press ⬛ > **Phonebook** to reopen the phonebook.
3 Highlight the second phonebook entry, then press ⬛ > **Send Tones** to send the next portion of the dialing sequence.
4 Repeat steps 2 and 3 as necessary to send the entire dialing sequence.

Editing a Phonebook Entry

Find the Feature ⬛ > **Phonebook**

Press	**To**
1 ⭕	scroll to the entry
	Press ⬛ to open the Phonebook Menu to perform various procedures on the entry.
2 **VIEW** (🔽)	view entry details
3 **EDIT** (🔽)	edit the entry

Deleting a Phonebook Entry

Find the Feature　　　　📟 > **Phonebook**

Press	To
1 🔘	scroll to the entry
2 📟	open the **Phonebook Menu**
3 🔘	scroll to **Delete**
4 SELECT (🖋)	select **Delete**

Sorting the Phonebook List

You can sort your phonebook list by name (the standard), speed dial number, voice name, or email address.

Note: The voice name sort is identical to the name sort, except that the entries with voice name tags display first.

Find the Feature　　　　📟 > **Phonebook**

Press	To
1 📟	open the **Phonebook Menu**
2 🔘	scroll to **Setup**
3 SELECT (🖋)	select **Setup**
4 🔘	scroll to **Sort by**
5 CHANGE (🖋)	select **Sort by**
6 🔘	scroll to **Name**, **Speed No.**, **Voice Name**, or **Email**

Press	To
7 **SELECT** ($\bullet$)	select the sort order
	If you select **Speed No.**, **Voice Name**, or **Email**, the procedure is complete.
	If you select **Name**, you must specify whether you want to view all numbers or just the primary number for each name:
8 $\bigcirc$	scroll to **View**
9 **CHANGE** ($\bullet$)	change view preference
10 $\bigcirc$	scroll to **Primary Contacts** or **All Contacts**
11 **SELECT** ($\bullet$)	select the view preference
12 **DONE** ($\bullet$)	set the view preference

To set an entry's primary phone number, see the following procedure.

Tip: When the phonebook list displays primary numbers only, you can scroll to a name and press $\bigcirc$ left or right to view other numbers associated with the name.

Setting the Primary Number for a Phonebook Entry

When you enter multiple phone numbers for the same name, you can specify the primary number.

Find the Feature   ⬚ > **Phonebook**

	Press	To
1	⬤	scroll to the entry
2	⬚	open the **Phonebook Menu**
3	⬤	scroll to **Set Primary**
4	**SELECT** (⬤)	select **Set Primary**
5	⬤	scroll to the number you want to set as the primary number
6	**SELECT** (⬤)	set the primary number

Depending on how the phonebook list is sorted, the primary number is listed first, or is the only number that displays for a phonebook entry.

Using Phonebook Category Views

Setting the Phonebook Category View

You can view all entries in the phonebook list, or view only the entries in the category you specify.

Find the Feature   ⬚ > **Phonebook**

Press	To
1 ⭕	scroll to **All**, **Business**, **Personal**, **General**, **VIPs**, or another category that you created
2 SELECT (◆)	select the category view

Note: The phonebook category view is reset to **All** each time you turn the phone on.

Creating a New Category

Your phone includes several predefined phonebook categories. You can create additional categories, and customize the way your phone notifies you of incoming calls from entries in different categories.

Find the Feature   ☎ > **Phonebook**
                                 ☎ > **Categories**
                                 ☎ > **New**

A name is required for the category. All other information is optional. You can enter the following information for a category.

Option	Description
Name	Enter the category name.
	Press to select a text entry mode.
	See page 35.
Members	Open the list of phonebook entries that you can add or remove from the category.
Ringer ID	Set a distinctive ringer alert for the category.
	Your phone uses the alert to notify you when you receive a call from an entry in this category. To activate ringer IDs, see page 118.
	A ringer ID for an individual entry overrides the category alert.

Editing a Category

Find the Feature   > Phonebook

   > Categories

Press	To
1	scroll to the category
2	open the **Category Details** menu
3	scroll to **Edit**
4 **SELECT** ( )	edit the category

Edit the category information as described in the previous section.

Note:

- You cannot edit the **All** category.
- You cannot edit the name of the **General** category.

Deleting a Category

Find the Feature   ➡ > **Phonebook**

                            ➡ > **Categories**

	Press	To
1	⊙	scroll to the category
2	➡	open the **Category Details** menu
3	⊙	scroll to **Delete**
4	**SELECT** (◐)	delete the category

Note:

- You cannot delete the **All** or **General** categories.
- When you delete a category, all entries in the category revert to **General**.

Reordering Categories

You can reorder the items in the category list.

Find the Feature   ➡ > **Phonebook**

                            ➡ > **Categories**

                            ➡ > **Reorder List**

Press		To
1	⚪	scroll to a category
2	**GRAB** (🔵)	grab the category
3	⚪	move the category to a new location in the list
4	**INSERT** (🔵)	insert the category
5	**DONE** (🔵)	store the reordered category list

Note: You cannot move the **All** category. **All** always remains the first entry in the category view list.

Copying Phonebook Entries

You can copy one or more phonebook entries to a new speed dial location on the phone or SIM card. This procedure does not delete the original entry.

The SIM card cannot store **Category**, **Type**, **Voice Name**, **Ringer ID**, or **Picture** information. When you copy an entry from the phone to the SIM card, your phone prompts you for confirmation before dropping this information and copying the entry.

Find the Feature   ⬛ > **Phonebook**

Press		To
1	⚪	scroll to an entry you want to copy
2	⬛	open the **Phonebook Menu**
3	⚪	scroll to **Copy**

	Press	To
4	SELECT (◗)	select **Copy**
5	◖	scroll to **Entries**
6	SELECT (◗)	select **Entries**
7	CHANGE (◗)	add more entries
8	◖	scroll to another phonebook entry
9	ADD (◗)	add the phonebook entry to the copy list
		Repeat steps 8 and 9 to add more entries to the list.
10	DONE (◗)	store the entries
11	◖	scroll to **To**
12	CHANGE (◗)	select **To**
13	◖	scroll to **Phone Memory** or **SIM Card**
14	SELECT (◗)	select the copy location
15	DONE (◗)	copy the entries to the next available speed dial numbers in the selected location (phone memory or SIM card)
		If necessary, press **YES** (◗) to confirm the copy of phone entries to the SIM card.

Checking Phonebook Capacity

You can see how much memory space remains for
storing phonebook and datebook entries on the phone,
and how many more phonebook entries you can store
on the SIM card.

Find the Feature   > Phonebook

Press		To
1		open the **Phonebook Menu**
2	⦿	scroll to **Phone Capacity** or **SIM Capacity**
3	**SELECT** (⦿)	select **Phone Capacity** or **SIM Capacity**
		Your phone displays the phone memory meter, or the number of SIM card phonebook entries available.

Setting 1-Touch Dial Preference

You can set 1-touch dial to call the entries in your phone
memory phonebook or the SIM card phonebook.

Find the Feature   > Settings > Initial Setup > 1-Touch Dial

Press		To
1	⦿	scroll to the list you want
2	**SELECT** (⦿)	select the list

Personalizing Your Phone

Personalizing a Ring Style

You can change the alerts that notify you of the following
events: incoming calls, text messages, voicemail
messages, data calls, fax calls, alarms, and reminders.
Any changes you make are applied to the current ring
style.

Find the Feature **●** > **Settings** > **Ring Styles**
> style **Detail**

Note: Style represents the current ring style.

Press	To
1 ◯	scroll to the event
2 CHANGE (**◑**)	select the event
3 ◯	scroll to the alert you want
4 SELECT (**◑**)	select the alert

Activating Ringer IDs

When ringer IDs are turned on, your phone uses distinctive
ring tones to notify you of incoming calls or messages from
specific entries in your phonebook.

Note: To assign a ringer ID to a new or existing
phonebook entry, see page 99.

Find the Feature ⬛ > **Settings** > **Ring Styles**
> style **Detail** > **Ringer IDs**

Note: Style represents the current alert style.

Press	To
1 ⬤	scroll to **On** or **Off**
2 **SELECT** (⬤)	select the option

Setting Ringer or Keypad Volume

Find the Feature ⬛ > **Settings** > **Ring Styles**
> style **Detail**

Note: Style represents the current alert style.

Press	To
1 ⬤	scroll to **Ring Volume** or **Key Volume**
2 **CHANGE** (⬤)	select the option
3 ⬤ left or right	scroll to the desired volume
4 **OK** (⬤)	store the setting

Setting Reminders

A reminder is an alert that rings or vibrates at regular intervals to notify you about a message that you have received.

Find the Feature ⬛ > **Settings** > **Ring Styles**
> style **Detail** > **Reminders**

Personalizing Your Phone

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Note: Style represents the current alert style.

Press	To
1 ⚫	scroll to **Beep** or **Vibrate** to set the reminder alert type, or **Off** to turn off all reminders
2 SELECT (⬤)	select the reminder alert

Setting a Personal Greeting

Set a personal greeting that displays when you turn on your phone.

Find the Feature 　　　 ⬛ > Settings > Personalize > Greeting

Setting Display Text

Text that displays in the home screen can be left justified or centered.

Find the Feature 　　　 ⬛ > Settings > Personalize > Home Screen > Layout

Press	To
1 ⚫	scroll to **Left Justified** or **Centered**
2 SELECT (⬤)	select the text layout

Selecting the Clock View

You can display an analog clock or a digital time readout in the home screen.

Find the Feature > Settings > Personalize
> Home Screen > Clock

Press	To
1	scroll to **Analog** or **Digital**
2 **SELECT** ()	select the clock view

Personalizing Soft Keys

You can change the soft key labels (left and right)
that display in the home screen, to access different main
menu items from the home screen.

Find the Feature > Settings > Personalize
> Home Screen > Home Keys

Press	To
1	scroll to **Left Soft Key** or **Right Soft Key**
2 **CHANGE** ()	select the soft key
3	scroll to a menu feature
4 **SELECT** ()	confirm the menu feature

Setting the Menu View

Set your phone to display the main menu as graphic icons (the default setting) or as a text-based list.

Find the Feature   > **Settings** > **Personalize**
                             > **Main Menu** > **View**

Press	To
1 ◯	scroll to **Icons** or **List**
2 **SELECT** (◥)	select the menu view

Personalizing the Menu

You can reorder the items in your phone's main menu.

Find the Feature   > **Settings** > **Personalize**
                             > **Main Menu** > **Reorder**

Press	To
1 ◯	scroll to a menu item
2 **GRAB** (◥)	grab the menu item
3 ◯	move the item to a new location in the menu
4 **INSERT** (◥)	insert the menu item

Setting the Menu Language

Set the language in which menu features and options are displayed.

Find the Feature ⬤ > Settings > Initial Setup > Language

Setting Menu Scroll Behavior

Set the highlight bar to stop or wrap around when you reach the top or bottom of a menu list.

Find the Feature ⬤ > Settings > Initial Setup > Scroll

Resetting All Options

Reset all options back to their original factory settings, except for the unlock code, security code, and lifetime timer.

Find the Feature ⬤ > Settings > Initial Setup > Master Reset

Clearing All Stored Information

Reset all options back to their original factory settings, **except** for the unlock code, security code, and lifetime timer, erase all downloaded pictures, animations and sound files, and clear all user settings and entries, **except** for information stored on the SIM card.

Caution: Master clear **erases all user-downloaded content and user-entered information** stored in your phone's memory, including phonebook and datebook entries. After you erase the information, you cannot recover it. Master clear does not delete any information stored on the SIM card.

Find the Feature   ⬤ > **Settings** > **Initial Setup** > **Master Clear**

Creating and Using Shortcuts

Your phone includes several standard shortcuts. You can create additional custom shortcuts to frequently used menu items.

Standard Shortcuts

The following shortcuts are preprogrammed on your phone. You cannot edit or delete these shortcuts.

Task	Shortcut
Display your phone number.	From the home screen, press ⬤ #.
Go to the phonebook.	From the home screen, press ⬤ down.
Go to the dialed calls list.	From the home screen, press 📞.
Exit the menu system.	Press 📵.

Creating a Shortcut

You can create a keypad shortcut for a menu item:

Action
1 Press ⚍ to enter the menu system.
2 Press ⬡ to scroll to the menu item.
3 Press and hold ⚍ to open the shortcut editor.
4 Press YES (⬤) to view shortcut options.
To change the keypad shortcut number:
a Press ⬡ to scroll to **Key**
b Press keypad keys to enter the new key
c Press **OK** to store the new key
5 Press DONE (⬤) to store the shortcut.

Using a Keypad Shortcut

Press	To
1 ⚍	open the main menu
2 a number key	go to the menu item with that shortcut number

Selecting a Shortcut From the List

Find the Feature   ⚍ > Office Tools > Shortcuts
                                    > shortcut name

Editing or Deleting a Shortcut

The shortcut list is sorted by key. If you change a shortcut's key, you change its place in the list.

Find the Feature　　　　　**● > Office Tools > Shortcuts**

Press		To
1	●	scroll to the shortcut
2	●	open the **Shortcut Menu** to perform various procedures on the shortcut

The **Shortcut Menu** can include the following options:

Option	Description
New	Read instructions on how to create a new shortcut.
Edit	Edit the shortcut.
Reorder List	Change the shortcut list order.
Delete	Delete the shortcut.
Delete All	Delete all shortcuts.

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Find the Feature 　　　　　 ■ > Office Tools
　　　　　　　　　　　> Shortcuts > 🄖
　　　　　　　　　　　> GO TO

OR 　　　　　　　　　　■ > 🄖

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Getting More Out of Your Phone

Making a Conference Call

Connect an active call and a call on hold so that all parties can speak to each other.

Press		To
1	keypad keys	dial the first party's number
2	📞	call the number
3	**HOLD** (⬭) (if available) or ⬛ > **Hold**	put the call on hold.
4	keypad keys	dial the next party's number
5	📞	call the number
6	**LINK** (⬭)	connect the 2 calls
7	☎	end the conference call

Tip: Repeat steps 3 to 6 to add additional parties to the conference call.

Forwarding Calls

Forward your phone's incoming voice, fax, and/or data calls directly to another phone number.

Setting Up or Canceling Call Forwarding

The forwarding options for voice, fax, or data calls are:

Option	Description
All Calls	Forward all calls.
If Unavailable	Forward calls if your phone is unavailable.
Detailed	Set different forwarding numbers if you are out of range, unable to answer, or busy (voice calls only).
Off	Do not forward calls.

Find the Feature   > Settings > Call Divert

Press		To
1	**O**	scroll to the type of calls you want to forward
		Scroll to **Cancel All** to cancel all call forwarding.
2	**SELECT** ( )	view call forwarding details
3	**O**	scroll to **Divert**
4	**CHANGE** ( )	select **Divert**
5	**O**	scroll to a forwarding option

Press	To
6 SELECT (🔵)	store the option
7 🔘	scroll to **To** (for **Detailed** forwarding, scroll to **If Busy**, **If No Answer**, or **If Unreachable**)
8 CHANGE (🔵)	select **To**
9 keypad keys **or** BROWSE (🔵)	enter the forwarding phone number select a number from the phonebook or recent calls lists
10 OK (🔵)	store the number
11 DONE (🔵)	save call forwarding settings

Note: Repeat this procedure to enter forwarding information for other call types.

Checking Call Forwarding Status

Your network may store call forwarding status for you. To confirm the network call forwarding settings:

Find the Feature   ⬛ > **Settings** > **Call Divert** > **Divert Status**

Press	To
1 🔘	scroll to **Voice**, **Fax**, or **Data Calls**
2 VIEW (🔵)	confirm the network setting

Barring Calls

Use call barring to restrict outgoing or incoming calls. You can restrict all calls, calls to international numbers, or calls while roaming.

Find the Feature   > Settings > Security
> Call Barring

	Press	To
1	⊙	scroll to **Outgoing** or **Incoming** calls
2	CHANGE (⬥)	select the option
3	⊙	scroll to a restriction setting
4	SELECT (⬥)	select the restriction setting
5	keypad keys	enter your call barring password
6	OK (⬥)	submit your password

Using Fixed Dialing

When you turn on fixed dialing, you can only call numbers stored in the fixed dial list. Use this feature to limit outgoing calls to a predefined list of numbers, country codes, area codes, or other prefixes.

Turning Fixed Dialing On or Off

Find the Feature   > Settings > Security
> Fixed Dial

Press		To
1	keypad keys	enter your SIM PIN2 code
2	**OK** ($\bullet$)	open the fixed dial menu
3	$\bigcirc$	scroll to **On** or **Off**
4	**SELECT** ($\bullet$)	select the option

Using the Fixed Dial List

You must turn on fixed dialing to open the fixed dial list.

Find the Feature $\qquad \bullet$ > **Office Tools**
> **Dialing Services** > **Fixed Dial**

You create and edit fixed dial entries just like phonebook entries. Fixed dial entries are stored on your SIM card, and do not have **Type**, **Voice Name**, or **Ringer ID** information.

Using Quick Dialing

Dial preprogrammed numbers stored on your phone. Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.

Note: Your service provider may use a different name for this feature.

To open and dial numbers on the quick dial list:

Find the Feature $\qquad \bullet$ > **Office Tools**
> **Dialing Services** > **Quick Dial**

To edit the quick dial list:

Find the Feature   ☰ > **Settings** > **Personalize**
                              > **Quick Dial**

Using DTMF Tones

You can send numbers to the network as **Dual Tone Multi-Frequency** (DTMF) tones during a call. Use DTMF tones to communicate with automated systems that require you to submit a PIN code or credit card number.

Activating DTMF Tones

You can set DTMF tones to **Long**, **Short**, or **Off**:

Find the Feature   ☰ > **Settings** > **Initial Setup**
                              > **DTMF**

Short sends a short fixed-duration tone for each keypress. **Long** sends each tone for as long as you press the key. Short DTMF tones work with most automated systems. Some systems (such as home answering machines) may require long tones for proper activation.

Sending DTMF Tones

Using the Keypad

Press the number keys to send the numbers as DTMF tones during a call.

Note: When sending long tones, you may have to enter a single short keypress first to put the phone in DTMF mode.

Sending Stored Numbers

During a call, highlight a number in the phonebook or recent calls lists, then:

Press	To
1 📞	open the sub-menu
2 🔘	scroll to **Send Tones**
3 **SELECT** (📞)	send number as DTMF tones

Monitoring Phone Use

View and Reset Call Timers

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing 🔚 . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, please contact your service provider directly.

To view a call timer:

Find the Feature   📞 > **Recent Calls** > **Call Times**

Select one of the following options:

Option	Description
Last Call	Approximate time spent on the last dialed or received call. You cannot reset this timer.
Dialed Calls	Approximate total time spent on dialed calls since the last time you reset this timer.
Received Calls	Approximate total time spent on calls received since the last time you reset this timer.
All Calls	Approximate total time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Approximate total time spent on all calls on this phone. You cannot reset this timer.

To reset the call timer:

Press	To
1 RESET (●)	reset the time (if available)
2 YES (●)	confirm the reset

Using a Timer During a Call

You can set a timer to beep at selected intervals during a call, and display different types of information during a call.

Find the Feature   ■ > Settings > In-Call Setup
> In-Call Timer

Select one of the following **Beep** options:

Option	Description
60 Seconds	Beep at one-minute intervals during a call.
Off	No in-call beep.

Select one of the following **Display** options:

Option	Description
Time	Display the approximate elapsed time for the current call.
Cost	Display the cost of the current call (if you subscribe to a call cost option or advice of charge).
Total Cost	Display the cost of all calls since the last time you reset the timer (if you subscribe to a call cost option or advice of charge).
Credit Available	Display how much credit you have left (if you subscribe to a call cost option or advice of charge).
Off	No in-call timer display.

Viewing and Resetting Cost Trackers

To view a cost tracker:

Find the Feature   > Recent Calls > Call Cost

Select one of the following options:

Option	Description
Credit Available	Amount of credit available. For GSM advice of charge, available only if you set a credit limit.
Expiration Date	Date that available credit expires. Available only with subscription to a prepay option.
Last Deposit	Amount of last deposit. Available only with subscription to a prepay option.
Last Call	Amount spent on last dialed or received call. You cannot reset this cost tracker.
Dialed Calls	Amount spent on dialed calls since the last time you reset this cost tracker.

Option	Description
Received Calls	Amount spent on received calls since the last time you reset this cost tracker.
All Calls	Amount spent on dialed and received calls since the last time you reset this cost tracker.
	You can reset this value separate from Dialed Calls and Received Calls, so Dialed Calls plus Received Calls may not equal All Calls.

To reset the cost tracker:

Press	To
1 RESET (�об)	reset the cost, if available
2 OK (🔘)	enter your PIN2 code to confirm the reset

Viewing Credit Information

Prepay Option

Network / Subscription Dependent Feature

If you subscribe to a prepay option, you can view the amount of credit available, its expiration date, and the date of your last deposit.

Find the Feature 　　　　　■ > Settings > Phone Status > Credit Info

Advice of Charge Option

If you subscribe to an advice of charge option, you can view the amount of credit available.

Find the Feature   > **Settings** > **Phone Status** > **Credit Available**

Adjusting Call Cost Settings

You can set a credit limit so that the phone displays your remaining credit during calls. The phone notifies you when you near your limit, and ends the call when you reach it.

Find the Feature   > **Settings** > **In-Call Setup** > **Call Cost Setup**

Viewing and Resetting GPRS Packet Data Timers and Data Volume Meters

Your phone may use a high-speed **General Packet Radio Service** (GPRS) network connection to transfer data during a data or fax call. This type of procedure, where an external device uses your phone to upload or download data, is referred to as an **external data session**.

Your phone's micro-browser also may use a GPRS connection to upload and download data from the Internet. This is an example of an **internal data session**.

Your phone tracks, in one-minute increments, the approximate time spent and approximate volume of data transferred during these data sessions.

The amount of data session time and data transfer volume you track on your resettable data timers and data volume meters may not equal the amount of data session time or data transfer volume for which you are billed by your service provider. For billing information, please contact your service provider directly.

Data Timers

You can view the approximate time spent on the last data session, view the approximate total time spent on all data sessions, and reset the **All Data Sessions** timers.

To view timers for the last data session:

Find the Feature   > Recent Calls > Data Times
                               > Recent Data Session

Select one of the following options:

Option	Description
External Data Session	Approximate time spent on the last external data session. You cannot reset this timer.

Option	Description
Internal Data Session	Approximate time spent on the last internal data session. You cannot reset this timer.
Total Time	Approximate total time spent on the last external and internal data sessions. You cannot reset this timer.

To view or reset cumulative timers for all data sessions:

Find the Feature   ■ > **Recent Calls** > **Data Times** > **All Data Sessions**

Select one of the following options:

Option	Description
External Data Sessions	Approximate total time spent on all external data sessions since the last time you reset this timer.
Internal Data Sessions	Approximate total time spent on all internal data sessions since the last time you reset this timer.
Total Time	Approximate total time spent on all external and internal data sessions since the last time you reset this timer.
Reset All	Reset all data sessions timers.

Data Volume Meters

You can view the volume of data transferred during the most recent data session, view the total amount of data transferred for all data sessions, and reset the All Data Sessions volume meters.

To view volume meters for the last data session:

Find the Feature   **> Recent Calls > Data Volumes > Recent Data Session**

Select one of the following options:

Option	Description
External Data Session	View data sent, data received, and total volume of data sent and received during the last external data session. You cannot reset this volume meter.
Internal Data Session	View data sent, data received, and total volume of data sent and received during the last internal data session. You cannot reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received during the last external and internal data sessions. You cannot reset this volume meter.

To view or reset cumulative volume meters for all data sessions:

Find the Feature   **> Recent Calls > Data Volumes > All Data Sessions**

Select one of the following options:

Option	Description
External Data Sessions	View data sent, data received, and total volume of data sent and received for all external data sessions since the last time you reset this volume meter.
Internal Data Sessions	View data sent, data received, and total volume of data sent and received for all internal data sessions since the last time you reset this volume meter.
Total Data Transferred	View data sent, data received, and total volume of data sent and received for all external and internal data sessions since the last time you reset this volume meter.
Reset All	Reset all data sessions volume meters.

Using Handsfree Features

Your phone includes an integrated handsfree speaker that you can use for handsfree applications. For instructions on how to use the handsfree speaker, see the chapter *Learning to Use Your Phone*.

You can also purchase an optional Motorola Original™ handsfree car kit, speakerphone, or headset for your phone. These accessories provide alternative ways for you to use your phone without using your hands.

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Activating the Internal Speakerphone

To use the internal speakerphone, press **SPEAKER** ( ) during an active call.

Automatic Answer

Set your phone to automatically answer calls after specific interval of ringing when connected to a car kit, speakerphone, or headset.

Find the Feature > **Settings** > **Car Settings** or **Headset**

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Press	To
1 $\bigcirc$	scroll to **Auto Answer**
2 CHANGE ($\bigcirc$)	select **Auto Answer**
3 $\bigcirc$	scroll to **2 seconds, 5 seconds, 10 seconds** or **Off**
4 SELECT ($\bigcirc$)	confirm the setting

Voice Dial From Headset

If your headset has a send/end key, this feature enables you to press the send/end key to voice dial a call from the headset.

Find the Feature　　　　$\bigcirc$ > Settings > Headset

Press	To
1 $\bigcirc$	scroll to **Voice Dial**
2 CHANGE ($\bigcirc$)	select **Voice Dial**
3 $\bigcirc$	scroll to **On** or **Off**
4 SELECT ($\bigcirc$)	confirm the setting

Automatic Handsfree

Set your phone to automatically route calls to a car kit when it detects a connection.

Find the Feature　　　　$\bigcirc$ > Settings > Car Settings
　　　　　　　　　　　　> Auto Handsfree

Press		To
1	**O**	scroll to **On** or **Off**
2	**SELECT** (**◯**)	confirm the setting

Power-Off Delay

When connected to a car kit, you can set your phone to stay on for a period of time after you switch off the ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.

Find the Feature **⬛** > **Settings** > **Car Settings** > **Power-Off Delay**

Press		To
1	**O**	scroll to the time delay
2	**SELECT** (**◯**)	confirm your selection

Note: This feature may not work with all car ignition switches.

Caution: If you select **Continuous**, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

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Charger Time

When connected to a car kit, you can set your phone to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

Find the Feature $\blacksquare$ > Settings > Car Settings > Charger Time

Press	To
1 $\bullet$	scroll to the charge time
2 SELECT ($\bullet$)	confirm your selection

Note: This feature may not work with all car ignition switches.

Making Data and Fax Calls

An optional Motorola Original data kit (which includes a cable connector) lets you transfer data between your phone and a computer, Palm OS® compatible device, or Microsoft Windows CE, Pocket PC, or Handheld PC device. You can:

- Use your phone as a modem to connect to the Internet.

- Use your phone to send and receive data and fax calls from your computer or handheld device.

Making a Cable Connection

Installing the Software

To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit user's guide for more information.

Attaching the Cable

Use a Motorola Original serial cable or Motorola Original USB cable to connect your phone to the external device.

Note: Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

USB Cable

Action
1 Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.
2 Plug the other end—the USB connection—into the USB port on the device.
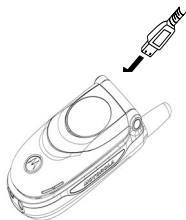
Sending a Data or Fax Call

Use this procedure to send data or a fax from a connected computer or hand-held device.

Action
1 Make sure that the phone is connected and powered on.
2 Open the application (such as dial-up-networking or fax) on your computer, and place the call through the application. **Note:** You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer.
3 When the transfer is complete, end the call from the connected device to close the connection.

Receiving a Data or Fax Call

Use this procedure to transfer data or a fax to a connected computer or hand-held device.

Transferring the Data or Fax

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.

Ending the Data/Fax Connection

When the data or fax transfer is complete, end the call from the connected device to close the connection.

Adjusting Network Settings

Your service provider registers your phone to its network. In some situations, such as using the phone as a modem, you may need to change the network registration.

Note: Some settings and/or options described in this section may not be available for all phone models.

Finding a New Network

You may decide to switch to another network to improve the calling conditions, because of network coverage or roaming conditions. To select a new network:

Find the Feature > Settings > Network > New Network

Your phone locates and registers on the strongest network apart from the current network.

Listing All Networks

View a list of available networks, and register your phone with a network.

Find the Feature > Settings > Network > Available Networks

Your phone displays a list of available networks.

Press		To
1	![icon]	scroll to the network you want
2	**VIEW** (![key])	view network details
3	**REGISTER** (![key])	register with the network

Changing Network Setup Values

Set how your phone searches for a network connection.

Note: Actual field names and values may vary depending on the technologies available to your service provider.

Find the Feature   ![icon] > **Settings** > **Network** > **Network Setup**

Press		To
1	![icon]	scroll to an item to change
2	**CHANGE** (![key])	open the item's list
3	![icon]	scroll to an option described in the following lists
4	**SELECT** (![key])	select the option

Network Band options: Automatic, 1900, or 900/1800.

Network search **Type** options:

Option	Description
Automatic	Scan for networks automatically based on priority.
Manual	View a list of all networks from which you can choose.

Network search **Speed** options:

Option	Description
Slow	Slowest network search and repeat rate.
Medium	Medium search/repeat.
Fast	Fast search/repeat.
Continuous	Continuous search until a network is found.

Setting Preferred Networks

You can create a preferred networks list, so that the phone searches for networks by your preference. The preferred list normally is stored on your SIM card. Some service providers may store network preferences on the phone.

Accessing the Preferred Network List

Find the Feature   M > **Settings** > **Network** > **My Network List**

Press	To
1 O	scroll to the network you want
2 **VIEW** (\ )	view network details

Your home network is always the first entry in the list, and is identified by the ♠ (home) icon. Other network entries are sorted by preference.

Adding an Entry to the Preferred Network List

Find the Feature   ⬛ > **Settings** > **Network**
                            > **My Network List**
                            > [**Add Network**]

	Press	To
1	**BROWSE** (●)	browse available networks
	or	
	Keypad keys	enter the network ID number
2	**OK** (●)	confirm the new entry

Editing a Preferred Network List Entry

Find the Feature   ⬛ > **Settings** > **Network**
                            > **My Network List**

	Press	To
1	◉	scroll to the entry
2	⬛	open the network menu
3	◉	scroll to **Edit**
4	**SELECT** (●)	select **Edit**
5	**DELETE** (✎)	delete information
	or	
	keypad keys	enter information
6	**OK** (●)	store the new information

Deleting a Preferred Network List Entry

Find the Feature   > **Settings** > **Network**
                                        > **My Network List**

Press	To
1 ⟡	scroll to the entry
2 ⟡	open the network menu
3 ⟡	scroll to **Delete**
4 **SELECT** (⟡)	select **Delete**
5 **YES** (⟡)	confirm the deletion

Adjusting Service Tones

You can set your phone to beep each time the network registration status changes.

Find the Feature   > **Settings** > **Network**
                                        > **Service Tone**> **On** or **Off**

Setting the Call Drop Alert

You can set your phone to emit an alert tone whenever the network drops a call. Because digital networks are so quiet, the call drop alert may be your only indication that a call has been dropped.

Find the Feature   > **Settings** > **Network**
                                        > **Call Drop Tone** > **On** or **Off**

Monitoring Battery Charge

To view a detailed battery charge meter:

Find the Feature   ● > **Settings** > **Phone Status**
                                                > **Battery Meter**

Personal Organizer

Datebook

The datebook is a calendar that you can use to schedule and organize events such as appointments and meetings.You must set the correct time and date to use the datebook.

To schedule or review datebook events:
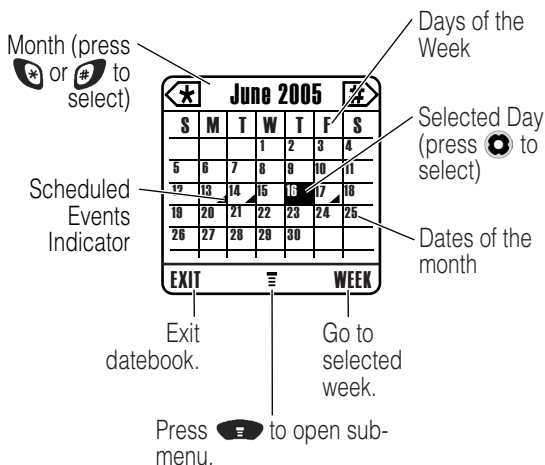
Find the Feature   ■ > Office Tools > Datebook

You can set the datebook to display a calendar for the month or week. To change the default view, see page 165.
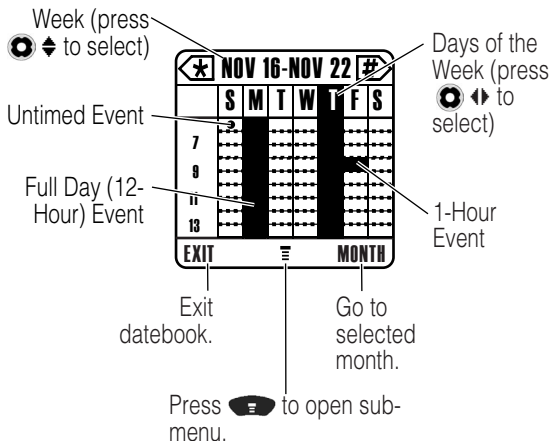
Month View

When default view is set to month, the datebook initially displays a calendar for the month. An indicator in the lower right corner of the date box indicates that one or more events are scheduled for the day.

Month (press ⭐ or ⏻ to select)

Days of the Week

Scheduled Events Indicator

Selected Day (press ⬤ to select)

Dates of the month

Exit datebook.

Go to selected week.

Press ▤ to open sub-menu.

Week View

When default view is set to week, the datebook initially displays a calendar for the week. Filled boxes indicate scheduled events.
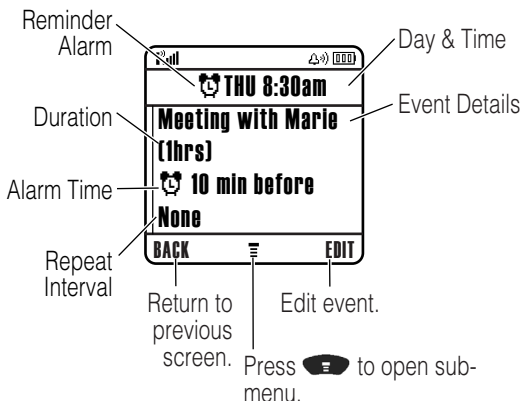
Week (press
◯ ✧ to select)

Days of the Week (press ◯ ◆ to select)

Untimed Event

Full Day (12-Hour) Event

1-Hour Event

Exit datebook.

Go to selected month.

Press ☰ to open sub-menu.

Day View

Select a day and press the center select button to see the day's events.

Untimed Event

Press ● ▼ to scroll to more events.

Reminder Alarm

Day of Week

Events

THU 20-NOV

⬫ Joe's Birthday

8:00 Mtg. with M...

9:00 Mtg. with Jim

9:30 conference call

BACK ≡ VIEW

Return to previous screen.

Show event details.

Press ⬛ to open sub-menu.

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Event View

Select an event and press **VIEW** ( ) to see event details.

Reminder
Alarm ————
Day & Time

Duration ————
Event Details

Alarm Time ————

Repeat
Interval ————

```
📶‖            ⏰)) 🔋
        🕐THU 8:30am

Meeting with Marie
(1hrs)
🕐 10 min before
None
BACK       ☰       EDIT
```

Return to | Edit event.
previous |
screen. | Press ☰ to open sub-
| menu.

Creating a Datebook Event

A title is required for a datebook event. All other information is optional.

- You must create an event to use the reminder alarm.

- Your phone must be turned on for the reminder alarm to sound.

Find the Feature ☰ > **Office Tools** > **Datebook**

	Press	To
1	$\bigcirc$	scroll to the day
2	center select button	display the day view
3	$\blacksquare$	open the **Datebook Menu**
4	$\bigcirc$	scroll to **New**
5	**SELECT** ($\diagdown$)	select **New**
6	**CHANGE** ($\diagdown$)	select **Title**
7	keypad keys	enter a title for the event
		Tip: Press $\blacksquare$ to select a text entry mode.
		Tip: For details, see page 36.
8	**OK** ($\diagdown$)	store the event title
9	$\bigcirc$	scroll to other fields and enter information as necessary
		You can set start time, duration, date, repeat interval, reminder alarm, or application to run.
10	**DONE** ($\blacklozenge$)	store the event

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Changing Event Information

Find the Feature $\blacksquare$ > **Office Tools** > **Datebook**

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	Press	To
1	$\bullet$	scroll to the day
2	center select button	display the day view
3	$\bullet$	scroll to the event
4	VIEW ($\bullet$)	display the event view
5	EDIT ($\bullet$)	edit the event
6	$\bullet$	scroll to the information you want to change
7	CHANGE ($\bullet$)	edit the information
8	keypad keys	enter new information
9	DONE ($\bullet$)	store the information

Copying an Event

Find the Feature　　　$\blacksquare$ > Office Tools > Datebook

	Press	To
1	$\bullet$	scroll to the day
2	center select button	display the day view
3	$\bullet$	scroll to the event
4	$\blacksquare$	open the Datebook Menu
5	$\bullet$	scroll to Copy
6	SELECT ($\bullet$)	copy the event

Press	To
7 YES (◆)	confirm the copy
	Your phone assumes that you want to change the date, and displays the Date field.
8 keypad keys	enter the date information
9 ● to the right	move to month, day, and year
10 OK (●)	save the copy of the event
11 ●	scroll to and edit event information, if necessary
12 DONE (◆)	store the information

Deleting an Event

Find the Feature   **● > Office Tools > Datebook**

Press	To
1 ●	scroll to the day
2 center select button	display the day view
3 ●	scroll to the event
4 ●	open the **Datebook Menu**
5 ●	scroll to **Delete**
6 SELECT (●)	select **Delete**
7 YES (◆)	confirm the deletion

Viewing and Dismissing an Event Reminder

When you set a reminder alarm for an event, the phone displays an event reminder and sounds a reminder alarm. To view or dismiss an event reminder:

Press	To
VIEW (🔵)	view the event
	Press 🔘 to scroll through the event details.
or	
EXIT (🔵)	dismiss the reminder

If you have more than one event set up for the same time, the phone displays each event in sequence. As you view and dismiss each event reminder, the next event is displayed.

Changing the Datebook Setup

You can set the datebook's default view to month or week, change the daily start time, and set the length of time that events are stored.

Find the Feature　　　　　■ > Office Tools > Datebook

　　　　　　　　　　　　　■ > Setup

Alarm Clock

Your phone has an alarm clock with 5 separate alarms that you can set and use when the phone is powered on. Each alarm can be configured with a name, time, and alert tone.

Setting an Alarm

Find the Feature   > **Office Tools** > **Alarm Clock**

Press	To
1 ⭘	scroll to [**New Alarm**]
2 **SELECT** (◌)	select the option
3 **CHANGE** (◌)	select **Name**
4 keypad keys	enter a name for the alarm
5 **OK** (◌)	store the name
6 ⭘	scroll to other fields and enter information as necessary
	You must set start time, alert tone, and alarm volume.
7 **DONE** (◌)	store the alarm

Enabling/Disabling an Alarm

Alarms that you set are listed by name on the Alarm Clock menu. An active alarm is identified by an 🕁 (alarm) indicator.

To enable or disable an alarm:

Find the Feature   > **Office Tools** > **Alarm Clock**

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Press	To
1 ⬤	scroll to the alarm
2 ENABLE (⬤)	enable a highlighted alarm
or	
DISABLE (⬤)	disable a highlighted alarm

Turning Off an Alarm

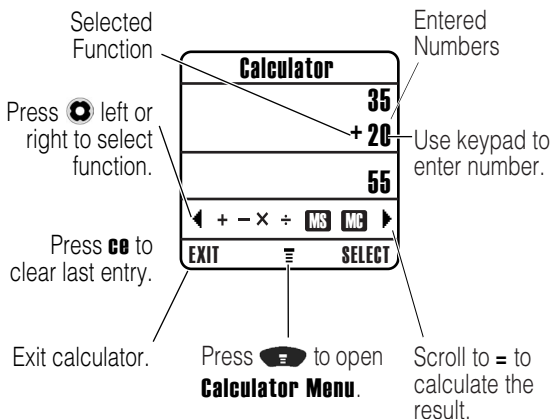When an alarm sounds, your phone displays the alarm name and time.

The alarm rings for 3 minutes, then snoozes for 8 minutes. The alarm repeats this cycle for up to 90 minutes, or until you perform one of the following procedures.

Press	To
DISABLE (⬤) or ☎	turn off the alarm
SNOOZE (⬤)	suspend the alarm

Calculator

You can use your phone as a calculator and currency converter.

```
                              Calculator
Selected                                    Entered
Function                             35     Numbers
Press O left or             + 20
right to select                             Use keypad to
function.                            55     enter number.
              ◀ + − × ÷ MS MC ▶
Press CE to    EXIT      ≡    SELECT
clear last entry.
                                            Scroll to = to
Exit calculator.   Press ● to open          calculate the
                   Calculator Menu.         result.
```

Calculating Numbers

Find the Feature   ● > Office Tools > Calculator

Press		To
1	number keys	enter a number
2	O	select a calculator function
3	number keys	enter next number
4	= (●)	calculate the result

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Press **c** to clear the calculation. Press **ce** (clear entry) to clear the last entry when performing a calculation.

The phone's calculator can perform the following functions:

Function	Description
.	Insert a decimal point
C	Clear the calculation
CE	Clear entry (replaces the C function when you enter more values in a calculation)
=	Perform the calculation
+	Add
-	Subtract
X	Multiply
÷	Divide
%	Divide the displayed value by 100
S	Calculate the exchange rate
±	Change the entry's sign (positive/negative)
MR	Recall the value stored in memory
MS	Store the displayed number in memory
MC	Clear memory

Converting Currency

The currency converter works just like the calculator, but converts a currency value based on the exchange rate you specify:

Find the Feature   **•** > **Office Tools** > **Calculator**

                                   • > **Exchange Rate**

	Press	To
1	number keys	enter the exchange rate
2	**OK** (•)	store the exchange rate
3	number keys	enter the amount to convert (amount to multiply by the exchange rate)
4	**•**	scroll to **$**
5	**SELECT** (•)	perform the conversion

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Security

Locking the SIM Card

Your **Personal Identification Number** (PIN) code protects the information stored on your SIM card. When the SIM card is locked, you must enter your SIM card PIN code to unlock the SIM card each time you turn on the phone or insert the SIM card in the phone. Your SIM card PIN code is given to you by your service provider.

Find the Feature $\quad$ ⚫ > **Settings** > **Security** > **SIM PIN**

Press		To
1	⚫	scroll to **On** or **Off**
2	**SELECT** (⚫)	switch SIM PIN lock on or off
3	keypad keys	enter your SIM card PIN code
4	**OK** (⚫)	submit your code

Unblock the SIM Card PIN Code

If you enter an incorrect SIM card PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**. You must enter a PIN unblocking key (PUK) code, which you can obtain from your service provider.

Caution: If the unblocking attempt is tried unsuccessfully 10 times, the SIM card is permanently disabled and your phone displays **SIM Disabled**.

	Press	To
1	🔧 🔧 ⌨ ⌨ 🔧	open the PIN unblocking editor
2	keypad keys	enter the PUK code
3	OK (🔧)	submit the PUK code
4	keypad keys	enter a new SIM card PIN code
		Note: The SIM PIN code must be between 4 and 8 digits in length.
5	OK (🔧)	assign the new SIM PIN code
6	keypad keys	re-enter the new SIM PIN code
7	OK (🔧)	confirm the new SIM PIN code and unblock the SIM card

Unblock the SIM Card PIN2 Code

If you enter an incorrect SIM card PIN2 code 3 times in a row, your phone's SIM PIN2 protected features are disabled and your phone displays **SIM Blocked** when you try to use a PIN2 feature. You must enter a PIN2 unblocking key (PUK2) code, which you can obtain from your service provider.

Press		To
1	🔘 🔘 ⬜ ⬜ ⬜ 🔘	open the PIN2 unblocking editor
2	keypad keys	enter the PUK2 code
3	OK (🔘)	submit the PUK2 code
4	keypad keys	enter a new SIM card PIN2 code
		Note: The SIM PIN2 code must be between 4 and 8 digits in length.
5	OK (🔘)	assign the new SIM PIN2 code
6	keypad keys	re-enter the new SIM PIN2 code
7	OK 🔘)	confirm the new SIM PIN2 code and unblock PIN2 features

Locking and Unlocking Applications

You can lock specific phone applications (such as the phonebook) so that users must enter the unlock code to use them.

Find the Feature 　　　 ● > Settings > Security > Lock Application

Press		To
1	keypad keys	enter your unlock code
2	OK (●)	open the lock application menu
3	●	scroll to the application
4	CHANGE (●)	select the application
5	●	scroll to Locked or Unlocked
6	SELECT (●)	select Locked or Unlocked

News and Entertainment

Micro-Browser

The micro-browser lets you access Web pages and Web-based applications on your phone. Contact your service provider to set up access, if necessary.

Your phone may use a high-speed **General Packet Radio Service** (GPRS) network connection. This type of connection is identified by a ⅋ (GPRS) indicator in the home screen that disappears when you start a micro-browser session. If you see an ⍅ (in-call) indicator during a micro-browser session, your phone is using a standard voice channel connection. The type of network connection your phone uses depends on your service provider's network. Your network connection charges may vary depending on the type of connection used.

Starting a Micro-Browser Session

Find the Feature   > **Web Access** > **Browser**

Press	To
1	scroll to a bookmark, service, or application
2 **SELECT** ( )	select the item

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press ⬛ > **Go To** to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact your service provider.

Interacting With Web Pages

Press	To
⬤	scroll through text, or highlight a selectable item
SELECT (◤)	select the highlighted item
keypad keys, followed by **OK** (◤)	enter information **Tip:** Press **DELETE** (◥) to delete one letter at a time if you make a mistake.
BACK (◥)	go back to the previous page
⬛	open the **Browser Menu**

Downloading Objects From a Web Page

You can download a photo, picture, animation, sound, or phone theme from a Web page by selecting its link. You can store these media objects on your phone, and use them as wallpaper images, screen saver images, and event alerts.

Storing a Picture File

Press	To
1 STORE (◗)	view storage options
2 ◉	scroll to **Store Only**, **Apply as Wallpaper** or **Apply as Screen Saver**
3 SELECT (◗)	perform the storage option of your choice

Storing a Sound File

Press	To
1 STORE (◗)	view storage options
2 ◉	scroll to **Store Only** or **Set As Ring Tone**
3 SELECT (◗)	select the option
	If you select **Store Only**, the procedure is complete.
	If you select **Set As Ring Tone**, your phone displays **Set As Which?**, and lists the events for which you can set an alert.
4 ◉	scroll to the event
5 SELECT (◗)	store the sound and set it as the event alert

Note: The maximum bit rate of downloading a MP3 file is 96kbps.

Selecting or Creating a Web Session

Use this feature to select or create a Web session, or network connection profile. You can use different Web sessions to connect to the Internet in different ways.

Find the Feature $\qquad$ > **Web Access** > **Web Sessions**

To create a Web session, you must configure the following settings. Contact your service provider to obtain the following information, if necessary. Actual field names and values may vary depending on the technologies available to your service provider. Some settings may not be available for all phone models.

Option	Description
Name	Enter the Web session name.
Homepage	Specify the default home page.
WAP IP 1	Primary WAP gateway IP address.
WAP Port 1	Primary WAP port number.
WAP IP 2	Secondary WAP gateway IP address.
WAP Port 2	Secondary WAP port number.
Timeout	Time at which the phone exits the micro-browser application when no keypress activity is detected.
CSD No. 1	Primary phone number to use to set up a CSD connection.
User Name 1	User name for primary CSD number.

Option	Description
Password 1	Password for primary CSD number.
Speed (Bps) 1	Connection speed for primary CSD number.
Line Type 1	Line type (modem or ISDN) for primary CSD number.
CSD No. 2	Secondary CSD dial-up phone number.
User Name 2	User name for secondary CSD number.
Password 2	Password for secondary CSD number.
Speed (Bps) 2	Connection speed for secondary CSD number.
Line Type 2	Line type (modem or ISDN) for secondary CSD number.
GPRS APN	GPRS access point name (the name of the WAP service provider).
User Name	User name for GPRS APN connection.
Password	Password for GPRS APN connection.

Running the Micro-Browser in the Background

Some phones are set up to run a micro-browser session in the background when the phone registers with a network. This lets your phone display information services messages sent by your service provider (such as stock updates, news headlines, or sports scores). These types of services typically are available through subscription from your service provider.

Turning a Background Micro-Browser Session On or Off

Find the Feature   ■ > **Messages**

      ■ > **Info Srvc Setup** > **Service**

Press	To
1 ○	scroll to **On** or **Off**
2 **SELECT** (●)	select the setting

Phone Themes

A **phone theme** consists of a bundled set of image and sound files with a specific theme (such as a special event or cartoon character) that you can apply collectively to your phone. Phone themes typically include a wallpaper image, screen saver image, and ring tone. Your phone includes several preloaded themes. You can download and install additional themes on your phone.

Downloading Themes

To download a theme from the browser, see page 151. When you install the theme, you can instantly apply its screen saver, wallpaper, and ring tone when your phone prompts you to **Apply Theme Now?**

Selecting Themes

You can apply any of the themes installed on your phone.

Note: If one of a theme's components is not available, then a default setting is applied.

Find the Feature   ● > **Multimedia** > **Themes** > theme

Deleting Themes

You cannot delete the preloaded themes on your phone. To delete one or all of the themes that you have downloaded and installed:

Find the Feature   ● > **Multimedia** > **Themes**

Press	To
1 ●	scroll to the theme you want to delete
2 ●	open the **Theme** menu
3 ●	scroll to **Delete** or **Delete All**
4 SELECT (●)	select the option

Picture Viewer

Your phone contains pictures and animations that you can insert into text messages, and use as wallpaper and screen saver images.

Your phone may contain predefined photos, pictures, and animations. You can download and store additional images on your phone.

Downloading Pictures

Managing Pictures

Note: You cannot rename or delete predefined images.

To view a picture or animation stored on your phone:

Find the Feature   > Multimedia > Pictures

Press	To
1 ⊙	scroll to the picture
2 VIEW (⬤)	view the picture
3 ⊙ left or right	view the next/previous picture
or	

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Press	To
DETAILS (●)	view picture information
or	
⚏	open the **Pictures Menu** to perform other procedures

The **Pictures Menu** can include the following options:

Option	Description
Apply As	Set the picture as your phone's **Wallpaper** or **Screen Saver** image. Select **Phonebook Entry** to assign the picture to a phonebook entry to enable picture caller ID.
New	Create new picture album
Details	View picture information.
Rename	Rename the downloaded picture.
Delete	Delete the selected downloaded picture or all marked picture(s).
Mark / Unmark or **Mark All / Unmark All**	Mark one or more pictures that you want to send or delete.
Send In Message	Insert selected picture or marked picture(s) in a new message.
Categories	Create a new category, or view pictures in a selected category.
Assign To Category	Assign the picture to a defined category.

Option	Description
Pictures Setup	Open the setup menu to adjust picture settings.
View Free Space	View memory space available for storing pictures.

To adjust your phone's wallpaper and screen saver images, see page 53 and page 54.

Games and Applications

Your phone contains Java games that you can play between calls. Each game includes online playing instructions.

Your phone may contain additional Java applications that add features and functionality to your phone. Java games and applications are stored in the **Games & Apps** folder on your phone.

Downloading an Application With the Micro-Browser

Find the Feature **>** Web Access **>** Browser

Go to the page that contains the application, then:

Press	To
1	scroll to the application
2 **SELECT** (　)	view the application details
3 **DWNLOAD** (　)	download the application

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Launching a Java Application

Find the Feature   ● > Games & Apps

	Press	To
1	●	scroll to the application
2	SELECT (●)	launch the application, or open the list of applications in a suite
3	●	scroll to the application you want, if necessary
4	SELECT (●)	launch the application

Using Control Keys

Your phone's keys perform the following functions in a Java application. Please read the instruction of each Java application for other key functions.

Key	Function
●	Move up, down, left, or right in a game.
5	"Fire" your weapon in a game.
●	End the application.

Key	Function
📞	Call a number in the application.
📠	Open the Java applications menu.

Analyzing or Deleting a Java Application

Find the Feature   📠 > Games & Apps

Press	To
1 🎙	scroll to the application
2 📠	open the application manager menu
3 🎙	scroll to a menu option
4 SELECT (🔍)	select the option to perform procedures as described in the following list

The application manager menu can include the following options:

Option	Description
View Details	Display the suite name, vendor, version, number of apps and memory requirements.
Delete	Delete the suite.

Note: The application manager menu may include other options.

Viewing Java Version and Available Memory

To view Java version information, or the amount of phone memory available for Java applications:

Find the Feature   <img> > Settings > Java Settings
                              > Java System

	Press	To
1	◉	scroll through information as described in the following list
2	BACK (◢)	close the display

Option	Displays
CLDC Version	Your phone's connected limited device configuration version.
MIDP Version	Your phone's mobile information device profile version.
Data Space (both Java and non-Java data space)	Memory available for application data (such as game scores or application settings), and for downloaded graphics, sounds, pictures, and MMS messages.
Heap Size	Amount of runtime memory available for Java applications.

Note: If you do not have enough phone memory to download a Java application, you can free memory space by deleting unused Java applications.

Editing Sounds with MotoMixer

MotoMixer lets you edit and save special MIDI-based sound files called Groove Tunes on your phone. These sound files are made up of 4 instruments such as **piano**, **bass**, **drums**, and **guitar**. The phone comes preloaded with base tracks (which you cannot edit or delete), but you can download others and use them all to create or edit your own mix files. The mix files you create display in the list of available alerts.

Note: To download new MotoMixer files, see page 176.

Creating or Editing a Mix File

Find the Feature   ⬛ > **Multimedia** > **MotoMixer** > [**New MotoMixer**] or mix file name

	Press	To
1	◯	scroll to the base track
2	SELECT (◥)	select the base track
3	CHANGE (◥)	select **Name**
4	keypad keys	enter a name for the mix file you are creating
5	OK (◥)	store the name
6	CHANGE (◥)	select **Tempo**
7	◯ left or right	adjust the tempo setting
8	OK (◥)	store the tempo setting
9	CHANGE (◥)	select Mix to open the mix editor

Press	To
10 MIX ( )	start playing/mixing the track
11 keypad keys	edit the instruments (see following section)
	The track plays to the end and stops. To edit your mix, press **MIX ( )** again.
12 BACK ( )	close the base track editor
13 DONE ( )	close the mix file display

MotoMixer Editing Controls

You can select which instruments you want to play and when you want to play them. The mix editor shows the current settings for each instrument (see following table for details).

Press first column keypad keys (**1 4 7 ***) to turn instruments on/off.

Second column keypad keys add effects.

Third column keypad keys set instrument variant

Instrument Name

MotoMixer			
Piano	⊲⊘	⊲⋯	⚡
Bass	⊲⊘	⊲⋯	⚡
Drums	⊲⊘	⊲⋯	⚡
Guitar	⊲⊘	⊲⋯	⚡
BACK	☰		MIX

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Press **MIX** (●) to play the mix file. Turn instruments on or off, add effects, and/or set an instrument variant using the following keypad keys:

Key	Effect
①	Turn on/off **first** instrument (Piano above)
②	Add effect to first instrument
③	Set variant for first instrument
④	Turn on/off **second** instrument (Bass above)
⑤	Add effect to second instrument
⑥	Set variant for second instrument
⑦	Turn on/off **third** instrument (Drums above)
⑧	Add effect to third instrument
⑨	Set variant for third instrument
⓪	Turn on/off **fourth** instrument (Guitar above)
✱	Add effect to fourth instrument
#	Set variant for fourth instrument

Use the following keys to perform additional mix functions:

Key	Effect
▤	Open the Mix Menu to reset one or all instruments
BACK (●)	Return to the Mix Details display when you are finished mixing

Using, Editing, or Deleting a Mix File

To edit or delete a mix file, or set a mix file as a ring tone:

Find the Feature　　　　 > **Multimedia** > **MotoMixer**

Press	To
1	scroll to the mix file
2	open the **Mix Menu**
3	scroll to **Edit**, **Delete**, or **Set as Ring Tone**
4 **SELECT** ( )	select the option

Creating Ring Tones

You can create and store custom ring tones on your phone. The ring tones display in the list of available alerts.

Creating a Tone

Find the Feature　　　　 > **Multimedia** > **Sounds** > [**New iMelody**]

Press	To
1 **CHANGE** ( )	select **Notes**
2 up or down **or** keypad keys	enter notes (see following section)
3 **OK** ( )	store the notes
4 **CHANGE** ( )	select **Name**

Press		**To**
5	keypad keys	enter the name for the tone
6	**OK** ($\bullet$)	store the name
7	**DONE** ($\diamond$)	store the tone

Entering Notes

Press $\bigcirc$ up or down to cycle through notes and select the note you want.

Press the keypad keys to set note length, enter rests, and enter or edit note information. If necessary, press a keypad key multiple times to cycle through its available options.

Tip: Press $\bullet$ > **Play All** at any time to play the notes you have entered.

Your phone identifies each note by **octave** (***0** through ***8**), **note** (**a** through **g**, with sharp notes preceded by a **#**), and note **length** (**0** through **5**). For example, a C# quarter note in octave 4 displays as ***4#c2**.

Each note must contain the following information, in the following sequence: **octave**, **note**, **length**, and length **modifier** (optional).

Octave

Enter ***** before a number to identify it as an octave value. Octave information (***0** to ***8**) must come **before** the note. If you do not specify an octave, the note is played as an octave 4 note.

Key	Display	Description
⓪	*	enter * followed by a number (**0** to **8**) to set the octave

Note: Octaves **3** through **5** cover the full range of notes currently available on your phone. The notes are duplicated in octaves **0-2** and **6-8**.

Notes and Rests

To make a note sharp or flat, enter the sharp or flat character (**#** or **&**) **before** the note.

You can enter one or more rest characters (**r**) in the note sequence. Set rest length the same way you set note length.

Key	Display	Description
ⓧ	#	sharp
	&	flat
②	a	note A
	b	note B
	c	note C
③	d	note D
	e	note E
	f	note F

Key	Display	Description
4	g	note G
7	r	rest

Lengths and Modifiers

Set the length (0 to 5) **after** a note or rest. If you do not specify a length, a quarter note length (2) is appended to the note. If needed, you can enter an optional length modifier (. or : or ;) **after** the length character.

Key	Display	Description
0	0	whole note
1	1	half note
2	2	quarter note
3	3	eighth note
4	4	sixteenth note
5	5	1/32 note
1	.	dotted note (1 and 1/2 length note)
	:	double dotted note (1 and 3/4 length note)
	;	2/3 length note

Example

Action
1 Press ![circle] to scroll up to ***4c**, then wait for the cursor to move to the next position
2 Press ![circle] to scroll down to ***3f**
The phone adds a **2** after each note you enter to identify it as a quarter note.
3 Press ![key] to enter a rest character (**r**)
4 Press ![circle] to scroll up to ***3a**
5 Press ![circle] to scroll up to ***4c**
6 Press ![menu] > **Play All** to play the tone

Playing a Tone

Find the Feature   ![menu] **> Multimedia > Sounds**

Press	To
1 ![circle]	scroll to the tone
2 PLAY (![key])	play the tone

Editing a Tone

You cannot edit the predefined ring tones included with your phone. To edit a ring tone that you created:

Find the Feature   ![menu] **> Multimedia > Sounds**

Press		To
1	$\bigcirc$	scroll to the tone
2	$\blacksquare$	open the Sounds Menu
3	$\bigcirc$	scroll to **Edit**
4	SELECT ($\blacktriangledown$)	open the tone details
5	$\bigcirc$	scroll to **Notes**
6	CHANGE ($\blacktriangledown$)	select **Notes**
7	$\bigcirc$ left or right	move the cursor to the right of the note information you want to edit
8	DELETE ($\blacktriangleright$)	delete note information
9	$\bigcirc$ up or down	enter new note information
	or	
	keypad keys	
10	OK ($\blacktriangledown$)	store new note information
11	DONE ($\blacktriangleright$)	save your changes

Deleting a Tone

You cannot delete the predefined ring tones included with your phone. To delete a ring tone that you created:

Find the Feature $\blacksquare$ > **Multimedia** > **Sounds**

Press		To
1	$\bigcirc$	scroll to the tone
2	$\blacksquare$	open the **Sounds Menu**

Press	To
3 ⬤	scroll to **Delete**
4 **SELECT** (🔵)	select **Delete**

SIM Applications

Your SIM card may contain applications that process your outgoing calls, text messages, and other events. Contact your service provider for more information.

Find the Feature   ⬛ > **Office Tools**
> **SIM Applications**

Troubleshooting

Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at (852) 2506-3888 (Hong Kong).

Question	Answer
Is your battery charged? Do you see ▢ in the display?	The battery level indicator should have at least one segment showing (▭). If it does not, recharge your battery. See page 21.
Do you have a valid SIM card inserted in your phone?	If necessary, turn off your phone and make sure that you have inserted a valid SIM card. See page 18.
Does the handset have a signal? Do you see ⁿ in the display?	The signal strength indicator should have at least one segment showing (ⁿ). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press 🔘 to the right.

Question	Answer
Is the other party unable to hear you?	Your phone may be muted. Press **UNMUTE** ( ) if necessary to unmute the phone.
	Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to your service provider (the company that sends you your monthly wireless service bill).
I forgot my password.	See page 48.

Problem	Solution
I pressed the power key, but nothing happened.	Be sure to press and hold (power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed. See page 21.
The display says: Insert SIM Card or Check SIM Card even though I have inserted my SIM card in the phone.	The SIM card may be incorrectly inserted. Check the SIM card to make sure that it is inserted properly. See page 18.
The display says: SIM Blocked. How do I unblock my SIM card?	Call your service provider (the company that sends you your monthly wireless service bill) to obtain the PIN unblocking key (PUK) code. See page 171.
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last 4 digits of your phone number. If this fails, call your service provider (the company that sends you your monthly wireless service bill).

Problem	Solution
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you do not know the unlock code, see page 48.
My phone does not ring.	If you see ⚉ or ⚇ in the display, then the ringer is turned off. To change the ring style, see page 52. Also, the ringer may be set to **Silent** even though your phone is set to an audible ring style (see page 118).
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display shows the name of your service provider before making a call.

Troubleshooting

Problem	Solution
I cannot send/ receive calls.	Make sure that you have a phone signal (the signal strength indicator should have at least one segment showing). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings.
	Your phone also may have the **Call Barring** feature turned on. If you know the unlock code, you can change this setting in the security menu (● > **Settings** > **Security**).
	Also, check to be sure your SIM card is installed and working.
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged.
	Also, make sure you have a phone signal (the signal strength indicator should have at least one segment showing). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.
I cannot hear others on my phone.	While on a call, press ● to the right. Your phone display should show the volume increasing.
	Also, make sure that your phone's earpiece is not blocked by its carrying case.

Problem	Solution
I cannot open my text message inbox.	Before you can use text messages, you must set up the message inbox. See page 68.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received: ■ > Recent Calls > Received Calls or Dialed Calls
My phone will not send voicemail commands, passwords, or other codes.	You must send PIN codes and passwords as DTMF tones while on a call. You can set your phone's DTMF tones to be Long, Short, or Off. If you have trouble sending numbers, try changing the DTMF setting. **1** From the home screen, press: ■ > Settings > Initial Setup > DTMF **2** Press ◯ to scroll to Long or Short. **3** Press SELECT (●) to select it.
My battery didn't last as long as I expected. What can I do to extend battery life?	Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending battery life, see page 18.

Problem	Solution
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer.
	Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.
My phone beeped when I attached the data cable, but my data and fax applications do not work.	Some wireless networks may not support data or fax transmission. If you are roaming on an unfamiliar network, this may be the case.
	Also, remember that data and fax transmission usually requires a subscription. Call your service provider for more information.

Problem	Solution
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	19200 Kbps is the data transfer rate of the connection between your computer and the phone in a standard Circuit Switch Data (CSD) connection. The rate of the connection between your phone and the network is displayed on your phone, and will be either 14400 or 9600 Kbps. **Note:** A GPRS connection may have a higher data transfer rate.
I can't end my data call by closing the application on my computer. What can I do?	Try pressing 📞 on your phone. Also try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer. These alternative methods may disrupt the application on your computer.
I launched the micro-browser but the display says: Network Not Available.	You may be in an area without service, or you may be connected to a network that does not support Internet access.
I launched the micro-browser but the display says: Server Not Responding.	Try again in a few minutes. The servers may be temporarily busy.

Specific Absorption Rate Data

This model phone meets international standards for exposure to radio waves

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.[1] Tests for SAR are conducted in accordance with CENELEC[2] testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing

methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is: 0.87W/kg.[3]

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

1 The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/ kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.

2 CENELEC is a European Union standards body.

3 Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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